Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022825\
Data File : VY021375.D
Acq On : 28 Feb 2025 09:44
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 28 22:17:26 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 02:09:13 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	170466	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	255493	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	227302	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	113605	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	96586	49.947	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 99.900%			
35) Dibromofluoromethane	7.634	113	89708	53.556	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.120%			
50) Toluene-d8	10.109	98	339126	52.386	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 104.780%			
62) 4-Bromofluorobenzene	12.408	95	112745	51.750	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 103.500%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	75054	46.438	ug/l	96
3) Chloromethane	2.074	50	96481	46.223	ug/l	98
4) Vinyl Chloride	2.208	62	105085	51.293	ug/l	97
5) Bromomethane	2.598	94	70059	51.460	ug/l	98
6) Chloroethane	2.739	64	68130	53.626	ug/l	98
7) Trichlorofluoromethane	3.062	101	159574	51.575	ug/l	98
8) Diethyl Ether	3.458	74	45896	49.423	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.818	101	87137	48.644	ug/l	99
10) Methyl Iodide	4.007	142	102242	54.252	ug/l	100
11) Tert butyl alcohol	4.860	59	28013	188.331	ug/l	99
12) 1,1-Dichloroethene	3.793	96	82975	48.376	ug/l	96
13) Acrolein	3.647	56	5316	46.638	ug/l	96
14) Allyl chloride	4.391	41	138693	45.608	ug/l	95
15) Acrylonitrile	5.061	53	96955	236.139	ug/l	99
16) Acetone	3.867	43	112372	302.934	ug/l	100
17) Carbon Disulfide	4.110	76	270242	47.448	ug/l	99
18) Methyl Acetate	4.385	43	42108	46.449	ug/l	94
19) Methyl tert-butyl Ether	5.116	73	222369	49.070	ug/l	98
20) Methylene Chloride	4.622	84	93282	46.504	ug/l	96
21) trans-1,2-Dichloroethene	5.116	96	93555	49.547	ug/l	93
22) Diisopropyl ether	6.019	45	301755	47.952	ug/l	99
23) Vinyl Acetate	5.964	43	896702	238.456	ug/l	100
24) 1,1-Dichloroethane	5.915	63	171936	48.476	ug/l	99
25) 2-Butanone	6.896	43	141900	253.463	ug/l	94
26) 2,2-Dichloropropane	6.890	77	157120	48.821	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	108215	50.189	ug/l	98
28) Bromochloromethane	7.244	49	78777	50.196	ug/l	97
29) Tetrahydrofuran	7.262	42	83194	227.342	ug/l	97
30) Chloroform	7.421	83	177778	49.466	ug/l	100
31) Cyclohexane	7.707	56	147922	43.387	ug/l	98
32) 1,1,1-Trichloroethane	7.616	97	162031	49.532	ug/l	99
36) 1,1-Dichloropropene	7.835	75	127843	50.810	ug/l	99
37) Ethyl Acetate	6.982	43	59548	47.578	ug/l	100
38) Carbon Tetrachloride	7.817	117	147719	52.223	ug/l	99
39) Methylcyclohexane	9.109	83	155039	48.718	ug/l	99
40) Benzene	8.079	78	379868	51.073	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022825\
Data File : VY021375.D
Acq On : 28 Feb 2025 09:44
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 28 22:17:26 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 02:09:13 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.220	41	34886	49.854	ug/l		97
42) 1,2-Dichloroethane	8.158	62	111336	52.760	ug/l		100
43) Isopropyl Acetate	8.201	43	117081	48.330	ug/l	#	86
44) Trichloroethene	8.866	130	95880	51.489	ug/l		99
45) 1,2-Dichloropropane	9.146	63	90953	50.814	ug/l		99
46) Dibromomethane	9.231	93	50657	51.775	ug/l		98
47) Bromodichloromethane	9.426	83	137097	52.552	ug/l		97
48) Methyl methacrylate	9.225	41	55255	48.776	ug/l		94
49) 1,4-Dioxane	9.231	88	10744	987.591	ug/l		91
51) 4-Methyl-2-Pentanone	10.000	43	309430	249.526	ug/l		100
52) Toluene	10.170	92	243944	52.795	ug/l		99
53) t-1,3-Dichloropropene	10.396	75	124583	52.124	ug/l		98
54) cis-1,3-Dichloropropene	9.859	75	144293	51.138	ug/l		98
55) 1,1,2-Trichloroethane	10.573	97	64837	50.869	ug/l		97
56) Ethyl methacrylate	10.445	69	91017	51.680	ug/l		99
57) 1,3-Dichloropropane	10.719	76	115030	51.430	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.713	63	218026	257.917	ug/l		98
59) 2-Hexanone	10.762	43	214799	263.746	ug/l		99
60) Dibromochloromethane	10.914	129	92375	53.214	ug/l		100
61) 1,2-Dibromoethane	11.018	107	61490	50.958	ug/l		98
64) Tetrachloroethene	10.646	164	89648	52.180	ug/l		95
65) Chlorobenzene	11.444	112	262227	51.394	ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.518	131	93678	52.434	ug/l		99
67) Ethyl Benzene	11.524	91	463868	51.326	ug/l		100
68) m/p-Xylenes	11.633	106	352476	103.688	ug/l		100
69) o-Xylene	11.957	106	164095	51.528	ug/l		99
70) Styrene	11.975	104	280622	52.962	ug/l		99
71) Bromoform	12.133	173	52761	51.622	ug/l	#	98
73) Isopropylbenzene	12.255	105	438599	51.354	ug/l		99
74) N-amyl acetate	12.072	43	105812	48.742	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.511	83	74349	49.325	ug/l		98
76) 1,2,3-Trichloropropane	12.560	75	48460m	42.616	ug/l		
77) Bromobenzene	12.536	156	103195	51.947	ug/l		95
78) n-propylbenzene	12.597	91	526975	50.847	ug/l		99
79) 2-Chlorotoluene	12.682	91	298498	50.185	ug/l		99
80) 1,3,5-Trimethylbenzene	12.737	105	357472	51.032	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.304	75	24043	46.995	ug/l		93
82) 4-Chlorotoluene	12.780	91	306178	49.658	ug/l		99
83) tert-Butylbenzene	12.999	119	314049	49.632	ug/l		99
84) 1,2,4-Trimethylbenzene	13.048	105	354550	50.892	ug/l		99
85) sec-Butylbenzene	13.176	105	460459	49.819	ug/l		100
86) p-Isopropyltoluene	13.292	119	389522	50.472	ug/l		100
87) 1,3-Dichlorobenzene	13.292	146	201633	51.311	ug/l		99
88) 1,4-Dichlorobenzene	13.371	146	194197	50.025	ug/l		100
89) n-Butylbenzene	13.621	91	364238	50.152	ug/l		99
90) Hexachloroethane	13.883	117	78439	48.657	ug/l		98
91) 1,2-Dichlorobenzene	13.664	146	173292	50.334	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	11525	48.334	ug/l		95
93) 1,2,4-Trichlorobenzene	14.926	180	101991	48.537	ug/l		99
94) Hexachlorobutadiene	15.029	225	65020	49.149	ug/l		99
95) Naphthalene	15.151	128	168433	48.393	ug/l		99
96) 1,2,3-Trichlorobenzene	15.334	180	83821	47.212	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022825\
Data File : VY021375.D
Acq On : 28 Feb 2025 09:44
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025

Quant Time: Feb 28 22:17:26 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 02:09:13 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022825\
Data File : VY021375.D
Acq On : 28 Feb 2025 09:44
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 28 22:17:26 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 02:09:13 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025