Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081624\
Data File : VY019083.D
Acq On : 16 Aug 2024 10:25
Operator : SY/MD
Sample : VY0816SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0816SBSD01

Manual Integrations APPROVED
Reviewed By :Romaben Patel 08/19/2024
Supervised By :Mahesh Dadoda 08/19/2024

Quant Time: Aug 16 23:11:07 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 16 05:10:30 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.695	168	137035	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	216150	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	187286	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	92757	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	62750	45.681	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 91.360%			
35) Dibromofluoromethane	7.622	113	66614	47.133	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 94.260%			
50) Toluene-d8	10.103	98	239639	47.117	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 94.240%			
62) 4-Bromofluorobenzene	12.408	95	80770	46.585	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 93.160%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.861	85	21043	20.930	ug/l	95
3) Chloromethane	2.068	50	32478	17.922	ug/l	99
4) Vinyl Chloride	2.196	62	41225	18.417	ug/l	98
5) Bromomethane	2.586	94	29730	17.964	ug/l	99
6) Chloroethane	2.726	64	25975	17.018	ug/l	97
7) Trichlorofluoromethane	3.043	101	61865	18.280	ug/l	96
8) Diethyl Ether	3.446	74	12913	17.677	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.799	101	26673	17.728	ug/l	95
10) Methyl Iodide	3.988	142	24291	16.472	ug/l	90
11) Tert butyl alcohol	4.842	59	15620m	110.281	ug/l	
12) 1,1-Dichloroethene	3.781	96	25194	18.431	ug/l	94
13) Acrolein	3.641	56	10210	86.040	ug/l	96
14) Allyl chloride	4.373	41	32901	18.103	ug/l	93
15) Acrylonitrile	5.037	53	26207	87.678	ug/l	98
16) Acetone	3.860	43	23723	93.122	ug/l #	84
17) Carbon Disulfide	4.092	76	68514	17.771	ug/l	98
18) Methyl Acetate	4.373	43	14186	18.144	ug/l	95
19) Methyl tert-butyl Ether	5.104	73	60341	18.208	ug/l	97
20) Methylene Chloride	4.598	84	36174	15.887	ug/l	95
21) trans-1,2-Dichloroethene	5.098	96	27874	18.252	ug/l	97
22) Diisopropyl ether	6.006	45	73739	17.724	ug/l	91
23) Vinyl Acetate	5.945	43	288049	87.450	ug/l	98
24) 1,1-Dichloroethane	5.903	63	46403	18.238	ug/l	99
25) 2-Butanone	6.878	43	35678	86.963	ug/l #	84
26) 2,2-Dichloropropane	6.872	77	38710	18.788	ug/l	97
27) cis-1,2-Dichloroethene	6.878	96	32775	18.237	ug/l	99
28) Bromochloromethane	7.232	49	19239	18.026	ug/l	99
29) Tetrahydrofuran	7.244	42	22063	83.657	ug/l	93
30) Chloroform	7.409	83	52027	18.351	ug/l	98
31) Cyclohexane	7.689	56	40393	17.801	ug/l	92
32) 1,1,1-Trichloroethane	7.604	97	45981	18.455	ug/l	98
36) 1,1-Dichloropropene	7.823	75	34807	17.935	ug/l	99
37) Ethyl Acetate	6.976	43	16205	18.847	ug/l #	76
38) Carbon Tetrachloride	7.805	117	42014	18.680	ug/l	96
39) Methylcyclohexane	9.097	83	44654	17.930	ug/l	96
40) Benzene	8.067	78	107149	18.002	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081624\
Data File : VY019083.D
Acq On : 16 Aug 2024 10:25
Operator : SY/MD
Sample : VY0816SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 16 23:11:07 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 16 05:10:30 2024
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0816SBSD01

Manual Integrations APPROVED

Reviewed By :Romaben Patel 08/19/2024
Supervised By :Mahesh Dadoda 08/19/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.207	41	7637	16.273	ug/l		97
42) 1,2-Dichloroethane	8.146	62	29852	18.572	ug/l		99
43) Isopropyl Acetate	8.189	43	29172	16.776	ug/l		98
44) Trichloroethene	8.853	130	30184	18.174	ug/l		90
45) 1,2-Dichloropropane	9.134	63	25196	18.999	ug/l		99
46) Dibromomethane	9.225	93	15923	18.512	ug/l		95
47) Bromodichloromethane	9.414	83	39457	18.698	ug/l		97
48) Methyl methacrylate	9.213	41	13784	17.786	ug/l		87
49) 1,4-Dioxane	9.219	88	3360	322.476	ug/l	#	96
51) 4-Methyl-2-Pentanone	9.993	43	78891	85.477	ug/l		94
52) Toluene	10.164	92	72631	18.589	ug/l		94
53) t-1,3-Dichloropropene	10.390	75	30981	17.698	ug/l		92
54) cis-1,3-Dichloropropene	9.853	75	38328	18.206	ug/l	#	89
55) 1,1,2-Trichloroethane	10.567	97	20434	18.454	ug/l		91
56) Ethyl methacrylate	10.432	69	25646	17.695	ug/l	#	85
57) 1,3-Dichloropropane	10.713	76	32956	18.258	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.707	63	59838	87.029	ug/l		95
59) 2-Hexanone	10.756	43	55768	87.950	ug/l		90
60) Dibromochloromethane	10.908	129	26943	17.865	ug/l		99
61) 1,2-Dibromoethane	11.012	107	19950	18.641	ug/l		100
64) Tetrachloroethene	10.646	164	30178	18.435	ug/l		96
65) Chlorobenzene	11.438	112	80009	18.553	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.511	131	26848	17.703	ug/l		99
67) Ethyl Benzene	11.518	91	137398	18.356	ug/l		98
68) m/p-Xylenes	11.627	106	107374	36.153	ug/l		99
69) o-Xylene	11.950	106	52074	18.934	ug/l		95
70) Styrene	11.969	104	86322	18.405	ug/l		97
71) Bromoform	12.127	173	15017	17.322	ug/l	#	99
73) Isopropylbenzene	12.255	105	132948	18.700	ug/l		99
74) N-amyl acetate	12.072	43	26328	16.983	ug/l		93
75) 1,1,2,2-Tetrachloroethane	12.505	83	21764	17.196	ug/l		96
76) 1,2,3-Trichloropropane	12.554	75	15137m	16.548	ug/l		
77) Bromobenzene	12.530	156	31684	18.557	ug/l		97
78) n-propylbenzene	12.597	91	159155	18.727	ug/l		99
79) 2-Chlorotoluene	12.682	91	88971	18.673	ug/l		99
80) 1,3,5-Trimethylbenzene	12.737	105	107107	18.493	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.304	75	6424	17.344	ug/l		88
82) 4-Chlorotoluene	12.780	91	92053	18.569	ug/l		96
83) tert-Butylbenzene	12.999	119	99158	18.539	ug/l		99
84) 1,2,4-Trimethylbenzene	13.042	105	107422	18.610	ug/l		99
85) sec-Butylbenzene	13.176	105	146326	18.774	ug/l		99
86) p-Isopropyltoluene	13.292	119	116861	18.254	ug/l		97
87) 1,3-Dichlorobenzene	13.286	146	60814	18.061	ug/l		98
88) 1,4-Dichlorobenzene	13.365	146	61386	18.340	ug/l		97
89) n-Butylbenzene	13.615	91	105007	17.990	ug/l		98
90) Hexachloroethane	13.877	117	22157	17.559	ug/l		96
91) 1,2-Dichlorobenzene	13.657	146	52726	17.804	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	2877	15.452	ug/l		94
93) 1,2,4-Trichlorobenzene	14.919	180	28039	16.789	ug/l		99
94) Hexachlorobutadiene	15.023	225	15962	18.349	ug/l		99
95) Naphthalene	15.145	128	46625	15.643	ug/l		99
96) 1,2,3-Trichlorobenzene	15.328	180	24683	17.523	ug/l		96

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081624\
Data File : VY019083.D
Acq On : 16 Aug 2024 10:25
Operator : SY/MD
Sample : VY0816SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 16 23:11:07 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 16 05:10:30 2024
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0816SBSD01

Manual Integrations APPROVED

Reviewed By :Romaben Patel 08/19/2024
Supervised By :Mahesh Dadoda 08/19/2024

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081624\
Data File : VY019083.D
Acq On : 16 Aug 2024 10:25
Operator : SY/MD
Sample : VY0816SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 16 23:11:07 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 16 05:10:30 2024
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0816SBSD01

Manual Integrations APPROVED

Reviewed By :Romaben Patel 08/19/2024
Supervised By :Mahesh Dadoda 08/19/2024