Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092223\
Data File : VY015685.D
Acq On : 22 Sep 2023 15:09
Operator : SY/MD
Sample : VY0922SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 22 22:56:01 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
Quant Title : SW846 8260
QLast Update : Wed Sep 20 01:39:40 2023
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0922SBSD01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/25/2023
Supervised By :Semsettin Yesilyurt 09/25/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.789	168	154626	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	257635	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	233832	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	119162	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	70085	41.195	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 82.380%			
35) Dibromofluoromethane	7.716	113	68459	44.395	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 88.800%			
50) Toluene-d8	10.179	98	220841	42.238	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 84.480%			
62) 4-Bromofluorobenzene	12.483	95	86846	42.326	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 84.660%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	19435	19.068	ug/l	95
3) Chloromethane	2.113	50	24156	18.786	ug/l	98
4) Vinyl Chloride	2.247	62	28005	19.049	ug/l	90
5) Bromomethane	2.637	94	22409	17.817	ug/l	99
6) Chloroethane	2.784	64	21896	20.093	ug/l	100
7) Trichlorofluoromethane	3.119	101	50077	20.310	ug/l	94
8) Diethyl Ether	3.533	74	20831	19.812	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.893	101	31622	20.484	ug/l	96
10) Methyl Iodide	4.088	142	28141	17.384	ug/l	98
11) Tert butyl alcohol	4.984	59	33276	50.771	ug/l #	84
12) 1,1-Dichloroethene	3.869	96	26123	19.203	ug/l	95
13) Acrolein	3.735	56	16544	63.496	ug/l	99
14) Allyl chloride	4.478	41	47989	19.294	ug/l	94
15) Acrylonitrile	5.167	53	69639	90.285	ug/l	99
16) Acetone	3.954	43	90286	99.164	ug/l	93
17) Carbon Disulfide	4.192	76	45636	17.269	ug/l	98
18) Methyl Acetate	4.484	43	52851	17.301	ug/l	95
19) Methyl tert-butyl Ether	5.228	73	107492	19.401	ug/l	100
20) Methylene Chloride	4.710	84	50321	22.583	ug/l	90
21) trans-1,2-Dichloroethene	5.216	96	30849	19.840	ug/l	96
22) Diisopropyl ether	6.118	45	120189	20.079	ug/l	93
23) Vinyl Acetate	6.057	43	356747	96.560	ug/l	97
24) 1,1-Dichloroethane	6.015	63	65364	20.034	ug/l	95
25) 2-Butanone	6.984	43	118915	92.403	ug/l	96
26) 2,2-Dichloropropane	6.978	77	56581	18.974	ug/l	96
27) cis-1,2-Dichloroethene	6.984	96	40957	19.841	ug/l	95
28) Bromochloromethane	7.332	49	14479	16.357	ug/l	94
29) Tetrahydrofuran	7.350	42	63197	86.883	ug/l	95
30) Chloroform	7.502	83	71729	20.530	ug/l	96
31) Cyclohexane	7.783	56	45060	19.119	ug/l	91
32) 1,1,1-Trichloroethane	7.703	97	59033	20.467	ug/l	99
36) 1,1-Dichloropropene	7.917	75	45440	19.930	ug/l	100
37) Ethyl Acetate	7.075	43	42476	18.677	ug/l	96
38) Carbon Tetrachloride	7.898	117	51538	20.824	ug/l	94
39) Methylcyclohexane	9.185	83	47747	18.934	ug/l	97
40) Benzene	8.161	78	138598	19.933	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092223\
Data File : VY015685.D
Acq On : 22 Sep 2023 15:09
Operator : SY/MD
Sample : VY0922SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0922SBSD01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/25/2023
Supervised By :Semsettin Yesilyurt 09/25/2023

Quant Time: Sep 22 22:56:01 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
Quant Title : SW846 8260
QLast Update : Wed Sep 20 01:39:40 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.307	41	19512	15.934	ug/l		92
42) 1,2-Dichloroethane	8.240	62	47518	19.955	ug/l		95
43) Isopropyl Acetate	8.270	43	72498	18.662	ug/l		98
44) Trichloroethene	8.941	130	40618	20.916	ug/l		97
45) 1,2-Dichloropropane	9.215	63	40305	20.787	ug/l		100
46) Dibromomethane	9.307	93	24351	19.633	ug/l		95
47) Bromodichloromethane	9.496	83	55657	20.132	ug/l		96
48) Methyl methacrylate	9.295	41	30887	18.114	ug/l		90
49) 1,4-Dioxane	9.307	88	8655	353.215	ug/l	#	45
51) 4-Methyl-2-Pentanone	10.069	43	222503	92.407	ug/l		94
52) Toluene	10.246	92	92377	20.608	ug/l		95
53) t-1,3-Dichloropropene	10.465	75	58420	19.705	ug/l		100
54) cis-1,3-Dichloropropene	9.929	75	62708	19.650	ug/l		90
55) 1,1,2-Trichloroethane	10.648	97	36893	20.297	ug/l		98
56) Ethyl methacrylate	10.508	69	50845	18.982	ug/l		89
57) 1,3-Dichloropropane	10.788	76	59911	19.655	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.782	63	74310	87.335	ug/l		95
59) 2-Hexanone	10.831	43	177894	96.297	ug/l		94
60) Dibromochloromethane	10.983	129	42495	20.028	ug/l		98
61) 1,2-Dibromoethane	11.087	107	34096	19.174	ug/l		99
64) Tetrachloroethene	10.721	164	41906	20.888	ug/l		98
65) Chlorobenzene	11.514	112	104141	20.403	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.593	131	40562	20.459	ug/l		99
67) Ethyl Benzene	11.593	91	182567	20.464	ug/l		100
68) m/p-Xylenes	11.703	106	140682	41.488	ug/l		96
69) o-Xylene	12.032	106	68090	20.478	ug/l		97
70) Styrene	12.044	104	116954	20.549	ug/l		98
71) Bromoform	12.209	173	28183	19.616	ug/l	#	98
73) Isopropylbenzene	12.331	105	183107	20.484	ug/l		100
74) N-amyl acetate	12.142	43	63202	18.811	ug/l		92
75) 1,1,2,2-Tetrachloroethane	12.581	83	48283	19.407	ug/l		99
76) 1,2,3-Trichloropropane	12.635	75	32035m	16.851	ug/l		
77) Bromobenzene	12.611	156	44019	20.061	ug/l		97
78) n-propylbenzene	12.672	91	225174	20.734	ug/l		99
79) 2-Chlorotoluene	12.757	91	125286	20.239	ug/l		99
80) 1,3,5-Trimethylbenzene	12.812	105	152501	20.378	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.379	75	15787	18.701	ug/l		98
82) 4-Chlorotoluene	12.855	91	130046	20.124	ug/l		99
83) tert-Butylbenzene	13.074	119	133821	20.417	ug/l		99
84) 1,2,4-Trimethylbenzene	13.123	105	155548	20.773	ug/l		99
85) sec-Butylbenzene	13.251	105	204376	20.836	ug/l		98
86) p-Isopropyltoluene	13.373	119	167786	20.478	ug/l		98
87) 1,3-Dichlorobenzene	13.367	146	88702	20.376	ug/l		99
88) 1,4-Dichlorobenzene	13.446	146	88398	20.304	ug/l		98
89) n-Butylbenzene	13.696	91	158702	20.455	ug/l		97
90) Hexachloroethane	13.964	117	31558	19.957	ug/l		89
91) 1,2-Dichlorobenzene	13.739	146	81107	20.183	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	8688	17.583	ug/l		88
93) 1,2,4-Trichlorobenzene	15.007	180	49984	19.758	ug/l		97
94) Hexachlorobutadiene	15.111	225	26780	20.671	ug/l		96
95) Naphthalene	15.239	128	122672	18.596	ug/l		99
96) 1,2,3-Trichlorobenzene	15.428	180	45740	19.589	ug/l		97

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092223\
Data File : VY015685.D
Acq On : 22 Sep 2023 15:09
Operator : SY/MD
Sample : VY0922SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 22 22:56:01 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
Quant Title : SW846 8260
QLast Update : Wed Sep 20 01:39:40 2023
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0922SBSD01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/25/2023
Supervised By :Semsettin Yesilyurt 09/25/2023

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\VY092223\
Data File : VY015685.D
Acq On : 22 Sep 2023 15:09
Operator : SY/MD
Sample : VY0922SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 22 22:56:01 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
Quant Title : SW846 8260
QLast Update : Wed Sep 20 01:39:40 2023
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0922SBSD01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/25/2023
Supervised By :Semsettin Yesilyurt 09/25/2023