Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013024\
Data File : VY017136.D
Acq On : 30 Jan 2024 11:25
Operator : SY/MD
Sample : VY0130SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0130SBSD01

Quant Time: Jan 31 00:27:01 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012424S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 25 04:44:10 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.807	168	117167	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.710	114	196256	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	167641	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	75152	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	61224	53.632	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.260%			
35) Dibromofluoromethane	7.740	113	64183	54.186	ug/l	0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.380%			
50) Toluene-d8	10.197	98	248276	55.495	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 111.000%			
62) 4-Bromofluorobenzene	12.495	95	76465	55.482	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 110.960%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.912	85	23810	25.309	ug/l	98
3) Chloromethane	2.125	50	33379	19.682	ug/l	100
4) Vinyl Chloride	2.266	62	40107	21.014	ug/l	98
5) Bromomethane	2.662	94	29831	21.533	ug/l	93
6) Chloroethane	2.808	64	26729	21.979	ug/l	97
7) Trichlorofluoromethane	3.143	101	46038	21.886	ug/l	99
8) Diethyl Ether	3.546	74	14123	20.921	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.924	101	29358	22.401	ug/l	99
10) Methyl Iodide	4.113	142	24351	19.558	ug/l	99
11) Tert butyl alcohol	4.972	59	11340	130.028	ug/l	100
12) 1,1-Dichloroethene	3.899	96	25194	21.001	ug/l	91
13) Acrolein	3.747	56	13425	98.058	ug/l	99
14) Allyl chloride	4.497	41	39040	21.530	ug/l	100
15) Acrylonitrile	5.186	53	31705	108.214	ug/l	99
16) Acetone	3.966	43	47354	138.098	ug/l	97
17) Carbon Disulfide	4.216	76	60788	16.812	ug/l	100
18) Methyl Acetate	4.497	43	24042	20.530	ug/l	99
19) Methyl tert-butyl Ether	5.247	73	62509	21.353	ug/l	99
20) Methylene Chloride	4.741	84	33305	22.951	ug/l	98
21) trans-1,2-Dichloroethene	5.247	96	28872	20.807	ug/l	95
22) Diisopropyl ether	6.143	45	91318	22.815	ug/l	98
23) Vinyl Acetate	6.088	43	207958	107.110	ug/l	98
24) 1,1-Dichloroethane	6.045	63	54584	22.358	ug/l	97
25) 2-Butanone	7.009	43	55713	122.268	ug/l	97
26) 2,2-Dichloropropane	7.003	77	46229	22.171	ug/l	99
27) cis-1,2-Dichloroethene	7.009	96	33633	21.872	ug/l	100
28) Bromochloromethane	7.356	49	20569	21.163	ug/l	98
29) Tetrahydrofuran	7.374	42	25212	108.916	ug/l	97
30) Chloroform	7.527	83	55162	22.190	ug/l	97
31) Cyclohexane	7.807	56	43939	19.795	ug/l	97
32) 1,1,1-Trichloroethane	7.728	97	46680	21.899	ug/l	98
36) 1,1-Dichloropropene	7.941	75	40983	21.029	ug/l	99
37) Ethyl Acetate	7.100	43	17894	21.354	ug/l	99
38) Carbon Tetrachloride	7.917	117	41505	21.732	ug/l	93
39) Methylcyclohexane	9.203	83	45748	19.517	ug/l	97
40) Benzene	8.179	78	123323	21.789	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013024\
Data File : VY017136.D
Acq On : 30 Jan 2024 11:25
Operator : SY/MD
Sample : VY0130SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0130SBSD01

Quant Time: Jan 31 00:27:01 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012424S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 25 04:44:10 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.332	41	8007	17.866	ug/l	#	82
42) 1,2-Dichloroethane	8.258	62	31183	21.252	ug/l		99
43) Isopropyl Acetate	8.295	43	33562	21.454	ug/l		100
44) Trichloroethene	8.959	130	31480	21.686	ug/l		93
45) 1,2-Dichloropropane	9.234	63	30541	21.985	ug/l		98
46) Dibromomethane	9.325	93	15436	20.923	ug/l		98
47) Bromodichloromethane	9.514	83	41164	21.932	ug/l		99
48) Methyl methacrylate	9.313	41	17825	20.522	ug/l		97
49) 1,4-Dioxane	9.325	88	3385	466.516	ug/l		99
51) 4-Methyl-2-Pentanone	10.087	43	93463	112.312	ug/l		100
52) Toluene	10.264	92	73818	21.549	ug/l		97
53) t-1,3-Dichloropropene	10.484	75	37559	21.906	ug/l		100
54) cis-1,3-Dichloropropene	9.947	75	45361	21.511	ug/l		100
55) 1,1,2-Trichloroethane	10.660	97	22860	22.170	ug/l		97
56) Ethyl methacrylate	10.526	69	18794	20.843	ug/l		97
57) 1,3-Dichloropropane	10.807	76	37821	21.695	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.801	63	67275	107.485	ug/l		99
59) 2-Hexanone	10.849	43	78359	123.425	ug/l		99
60) Dibromochloromethane	11.002	129	26679	22.271	ug/l		99
61) 1,2-Dibromoethane	11.105	107	20284	21.655	ug/l		99
64) Tetrachloroethene	10.740	164	24656	21.101	ug/l		97
65) Chlorobenzene	11.532	112	78027	21.964	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.605	131	29254	22.544	ug/l		100
67) Ethyl Benzene	11.611	91	141105	21.849	ug/l		100
68) m/p-Xylenes	11.721	106	106971	44.085	ug/l		99
69) o-Xylene	12.044	106	48983	22.224	ug/l		99
70) Styrene	12.063	104	70477	22.025	ug/l		99
71) Bromoform	12.227	173	14290	21.962	ug/l	#	97
73) Isopropylbenzene	12.349	105	133020	21.531	ug/l		100
74) N-amyl acetate	12.160	43	26897	21.599	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.599	83	25568	21.703	ug/l		97
76) 1,2,3-Trichloropropane	12.648	75	17029m	18.668	ug/l		
77) Bromobenzene	12.623	156	29217	21.856	ug/l		97
78) n-propylbenzene	12.684	91	164010	22.071	ug/l		99
79) 2-Chlorotoluene	12.770	91	89900	22.047	ug/l		100
80) 1,3,5-Trimethylbenzene	12.831	105	107632	22.013	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.392	75	7401	21.005	ug/l		98
82) 4-Chlorotoluene	12.873	91	93727	22.178	ug/l		99
83) tert-Butylbenzene	13.093	119	93923	22.208	ug/l		99
84) 1,2,4-Trimethylbenzene	13.136	105	105311	21.670	ug/l		98
85) sec-Butylbenzene	13.270	105	139326	22.248	ug/l		99
86) p-Isopropyltoluene	13.386	119	115844	22.207	ug/l		99
87) 1,3-Dichlorobenzene	13.379	146	58004	21.977	ug/l		98
88) 1,4-Dichlorobenzene	13.465	146	56481	21.750	ug/l		98
89) n-Butylbenzene	13.715	91	112435	22.346	ug/l		99
90) Hexachloroethane	13.977	117	23638	21.741	ug/l		99
91) 1,2-Dichlorobenzene	13.757	146	49024	21.750	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.373	75	3167	21.048	ug/l		98
93) 1,2,4-Trichlorobenzene	15.025	180	25970	22.049	ug/l		97
94) Hexachlorobutadiene	15.129	225	15450	21.795	ug/l		97
95) Naphthalene	15.251	128	42914	20.629	ug/l		99
96) 1,2,3-Trichlorobenzene	15.440	180	21278	21.714	ug/l		97

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013024\
Data File : VY017136.D
Acq On : 30 Jan 2024 11:25
Operator : SY/MD
Sample : VY0130SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0130SBSD01

Quant Time: Jan 31 00:27:01 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012424S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 25 04:44:10 2024
Response via : Initial Calibration

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\VY013024\
Data File : VY017136.D
Acq On : 30 Jan 2024 11:25
Operator : SY/MD
Sample : VY0130SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0130SBSD01

Quant Time: Jan 31 00:27:01 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012424S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 25 04:44:10 2024
Response via : Initial Calibration