Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083024\
Data File : VY019392.D
Acq On : 30 Aug 2024 13:53
Operator : SY/MD
Sample : VY0830SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0830SBS01

Quant Time: Aug 30 16:19:37 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082924S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 30 02:45:30 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.701	168	119143	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	195009	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	171969	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	69271	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	56634	50.185	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.380%			
35) Dibromofluoromethane	7.628	113	56926	46.172	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 92.340%			
50) Toluene-d8	10.103	98	205751	45.334	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 90.660%			
62) 4-Bromofluorobenzene	12.408	95	58819	40.069	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 80.140%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.861	85	18839	19.405	ug/l	94
3) Chloromethane	2.068	50	32903	20.833	ug/l	98
4) Vinyl Chloride	2.202	62	35730	19.717	ug/l	100
5) Bromomethane	2.592	94	28576	22.321	ug/l	100
6) Chloroethane	2.726	64	23605	21.388	ug/l	96
7) Trichlorofluoromethane	3.049	101	45556	21.238	ug/l	97
8) Diethyl Ether	3.446	74	11807	23.305	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.805	101	23246	19.089	ug/l	96
10) Methyl Iodide	3.994	142	22313	18.798	ug/l	92
11) Tert butyl alcohol	4.860	59	7165	112.654	ug/l #	84
12) 1,1-Dichloroethene	3.781	96	21741	19.576	ug/l	90
13) Acrolein	3.647	56	8811	118.791	ug/l	98
14) Allyl chloride	4.372	41	32143	20.963	ug/l	90
15) Acrylonitrile	5.049	53	25162	121.574	ug/l	97
16) Acetone	3.866	43	21099	95.057	ug/l #	86
17) Carbon Disulfide	4.098	76	62101	19.369	ug/l	100
18) Methyl Acetate	4.372	43	11255	22.969	ug/l	93
19) Methyl tert-butyl Ether	5.104	73	54544	21.542	ug/l	99
20) Methylene Chloride	4.604	84	27291	15.180	ug/l	95
21) trans-1,2-Dichloroethene	5.110	96	24952	19.726	ug/l	97
22) Diisopropyl ether	6.006	45	70316	20.384	ug/l #	89
23) Vinyl Acetate	5.951	43	203655	106.071	ug/l	97
24) 1,1-Dichloroethane	5.909	63	43115	20.682	ug/l	99
25) 2-Butanone	6.890	43	31773	107.017	ug/l	89
26) 2,2-Dichloropropane	6.878	77	35179	19.374	ug/l	97
27) cis-1,2-Dichloroethene	6.884	96	29152	20.128	ug/l	95
28) Bromochloromethane	7.238	49	18743	21.883	ug/l	96
29) Tetrahydrofuran	7.256	42	21416	120.052	ug/l	88
30) Chloroform	7.415	83	48207	20.657	ug/l	98
31) Cyclohexane	7.695	56	35997	18.757	ug/l	96
32) 1,1,1-Trichloroethane	7.610	97	42862	19.791	ug/l	97
36) 1,1-Dichloropropene	7.829	75	32087	18.416	ug/l	99
37) Ethyl Acetate	6.976	43	14732	21.361	ug/l #	76
38) Carbon Tetrachloride	7.817	117	38279	18.026	ug/l	95
39) Methylcyclohexane	9.103	83	39959	17.885	ug/l	91
40) Benzene	8.079	78	99208	18.710	ug/l	100

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083024\
Data File : VY019392.D
Acq On : 30 Aug 2024 13:53
Operator : SY/MD
Sample : VY0830SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0830SBS01

Quant Time: Aug 30 16:19:37 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082924S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 30 02:45:30 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.213	41	7281	17.506	ug/l		94
42) 1,2-Dichloroethane	8.152	62	29801	21.178	ug/l		95
43) Isopropyl Acetate	8.195	43	28111	20.886	ug/l	#	82
44) Trichloroethene	8.866	130	28018	19.239	ug/l		95
45) 1,2-Dichloropropane	9.140	63	22279	19.386	ug/l		98
46) Dibromomethane	9.225	93	14247	20.609	ug/l		98
47) Bromodichloromethane	9.420	83	37391	20.481	ug/l		99
48) Methyl methacrylate	9.219	41	13235	20.799	ug/l		87
49) 1,4-Dioxane	9.231	88	3373	445.361	ug/l	#	92
51) 4-Methyl-2-Pentanone	9.999	43	75449	107.051	ug/l		91
52) Toluene	10.170	92	67126	19.310	ug/l		95
53) t-1,3-Dichloropropene	10.390	75	29611	19.637	ug/l		98
54) cis-1,3-Dichloropropene	9.853	75	35740	20.017	ug/l		92
55) 1,1,2-Trichloroethane	10.573	97	18815	21.337	ug/l		98
56) Ethyl methacrylate	10.438	69	23130	20.191	ug/l	#	85
57) 1,3-Dichloropropane	10.719	76	30103	20.897	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.707	63	52418	102.066	ug/l		95
59) 2-Hexanone	10.762	43	50732	108.546	ug/l		91
60) Dibromochloromethane	10.908	129	24840	20.661	ug/l		98
61) 1,2-Dibromoethane	11.018	107	17518	21.563	ug/l		100
64) Tetrachloroethene	10.646	164	29854	17.774	ug/l		99
65) Chlorobenzene	11.444	112	71639	18.620	ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.517	131	25472	19.093	ug/l		96
67) Ethyl Benzene	11.517	91	122218	18.169	ug/l		100
68) m/p-Xylenes	11.627	106	97715	36.715	ug/l		99
69) o-Xylene	11.956	106	45613	18.400	ug/l		99
70) Styrene	11.969	104	75832	18.694	ug/l		97
71) Bromoform	12.133	173	13642	19.237	ug/l	#	91
73) Isopropylbenzene	12.255	105	103031	18.653	ug/l		100
74) N-amyl acetate	12.072	43	25419	23.933	ug/l		91
75) 1,1,2,2-Tetrachloroethane	12.505	83	17405	21.202	ug/l		97
76) 1,2,3-Trichloropropane	12.560	75	12115m	19.915	ug/l		
77) Bromobenzene	12.529	156	22079	16.966	ug/l		99
78) n-propylbenzene	12.597	91	117586	17.619	ug/l		99
79) 2-Chlorotoluene	12.682	91	69388	18.662	ug/l		100
80) 1,3,5-Trimethylbenzene	12.737	105	75632	17.379	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.304	75	4622	18.797	ug/l		89
82) 4-Chlorotoluene	12.779	91	64733	17.211	ug/l		98
83) tert-Butylbenzene	12.999	119	74505	18.718	ug/l		100
84) 1,2,4-Trimethylbenzene	13.042	105	82834	19.825	ug/l		97
85) sec-Butylbenzene	13.176	105	104868	17.977	ug/l		99
86) p-Isopropyltoluene	13.292	119	93182	19.610	ug/l		97
87) 1,3-Dichlorobenzene	13.285	146	50011	20.890	ug/l		99
88) 1,4-Dichlorobenzene	13.365	146	48035	20.109	ug/l		97
89) n-Butylbenzene	13.615	91	75321	17.252	ug/l		98
90) Hexachloroethane	13.883	117	17528	18.196	ug/l		98
91) 1,2-Dichlorobenzene	13.657	146	39587	18.735	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	2938	26.197	ug/l		93
93) 1,2,4-Trichlorobenzene	14.919	180	27445	25.279	ug/l		99
94) Hexachlorobutadiene	15.023	225	15301	19.465	ug/l		96
95) Naphthalene	15.145	128	45937	25.841	ug/l		99
96) 1,2,3-Trichlorobenzene	15.328	180	22746	24.487	ug/l		98

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083024\
Data File : VY019392.D
Acq On : 30 Aug 2024 13:53
Operator : SY/MD
Sample : VY0830SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0830SBS01

Quant Time: Aug 30 16:19:37 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082924S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 30 02:45:30 2024
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\VY083024\
Data File : VY019392.D
Acq On : 30 Aug 2024 13:53
Operator : SY/MD
Sample : VY0830SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0830SBS01

Quant Time: Aug 30 16:19:37 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082924S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 30 02:45:30 2024
Response via : Initial Calibration