Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022221\
Data File : VY004039.D
Acq On : 22 Feb 2021 16:59
Operator : SY/MD
Sample : M1458-01 2.5PPBLOD
Misc : 5.00g/5mL/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

Manual Integrations APPROVED
MMDadoda
2/23/2021 1:06:48 PM

Quant Time: Feb 23 04:14:48 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022221S.M
Quant Title : SW846 8260
QLast Update : Tue Feb 23 04:14:29 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.795	168	61581	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.691	114	98833	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.489	117	89301	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	44641	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.143	65	37694	54.85	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 109.70%				
35) Dibromofluoromethane	7.722	113	30729	51.57	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.14%				
50) Toluene-d8	10.179	98	124523	52.12	ug/l		0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.24%				
62) 4-Bromofluorobenzene	12.477	95	42991	50.94	ug/l		0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 101.88%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.906	85	1580	2.70	ug/l		97
3) Chloromethane	2.113	50	2931	3.36	ug/l		89
4) Vinyl Chloride	2.253	62	2925	3.45	ug/l		98
5) Bromomethane	2.656	94	1940	3.42	ug/l		91
6) Chloroethane	2.802	64	1598	3.13	ug/l		100
7) Trichlorofluoromethane	3.131	101	2863	2.70	ug/l		100
8) Diethyl Ether	3.534	74	935	2.76	ug/l		71
9) 1,1,2-Trichlorotrifluo...	3.905	101	1507	2.66	ug/l		97
10) Methyl Iodide	4.101	142	1713	2.41	ug/l	#	97
11) Tert butyl alcohol	4.954	59	1304	12.79	ug/l	#	76
12) 1,1-Dichloroethene	3.875	96	1456	2.56	ug/l		89
13) Acrolein	3.735	56	939	13.74	ug/l		90
14) Allyl chloride	4.485	41	3304	3.07	ug/l		93
15) Acrylonitrile	5.180	53	2702	15.13	ug/l		99
16) Acetone	3.954	43	2467	14.21	ug/l	#	82
17) Carbon Disulfide	4.198	76	5607	3.05	ug/l	#	92
18) Methyl Acetate	4.485	43	1338	3.28	ug/l	#	76
19) Methyl tert-butyl Ether	5.228	73	4866	2.92	ug/l		92
20) Methylene Chloride	4.722	84	5555	7.91	ug/l		95
21) trans-1,2-Dichloroethene	5.228	96	1837	2.87	ug/l		94
22) Diisopropyl ether	6.125	45	6817	3.22	ug/l	#	94
23) Vinyl Acetate	6.064	43	21791	15.19	ug/l		98
24) 1,1-Dichloroethane	6.033	63	3455	3.05	ug/l	#	92
25) 2-Butanone	6.990	43	3019	12.20	ug/l		97
26) 2,2-Dichloropropane	6.984	77	2540	2.42	ug/l		95
27) cis-1,2-Dichloroethene	6.984	96	1919	2.73	ug/l		95
28) Bromochloromethane	7.332	49	1265	2.53	ug/l	#	96
29) Tetrahydrofuran	7.350	42	2000	12.52	ug/l		97
30) Chloroform	7.515	83	3165	2.75	ug/l		100
31) Cyclohexane	7.783	56	3931	3.41	ug/l	#	63
32) 1,1,1-Trichloroethane	7.710	97	2782	2.64	ug/l		99
36) 1,1-Dichloropropene	7.917	75	2305	2.33	ug/l		97
37) Ethyl Acetate	7.082	43	1446	2.47	ug/l	#	70
38) Carbon Tetrachloride	7.905	117	2508	2.45	ug/l		97
39) Methylcyclohexane	9.179	83	2990	2.50	ug/l		96
40) Benzene	8.167	78	6839	2.49	ug/l	#	88

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022221\
Data File : VY004039.D
Acq On : 22 Feb 2021 16:59
Operator : SY/MD
Sample : M1458-01 2.5PPBLOD
Misc : 5.00g/5mL/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Feb 23 04:14:48 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022221S.M
Quant Title : SW846 8260
QLast Update : Tue Feb 23 04:14:29 2021
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

Manual Integrations APPROVED
MMDadoda
2/23/2021 1:06:48 PM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.319	41	980	3.17	ug/l	#	1
42) 1,2-Dichloroethane	8.240	62	2405	2.66	ug/l		94
43) Isopropyl Acetate	8.271	43	2714	2.46	ug/l		96
44) Trichloroethene	8.941	130	1914	2.52	ug/l		95
45) 1,2-Dichloropropane	9.209	63	1737	2.58	ug/l		94
46) Dibromomethane	9.301	93	904	2.40	ug/l		92
47) Bromodichloromethane	9.496	83	2431	2.52	ug/l		93
48) Methyl methacrylate	9.295	41	1310	2.43	ug/l		95
49) 1,4-Dioxane	9.289	88	50	11.01	ug/l	#	1
51) 4-Methyl-2-Pentanone	10.069	43	6692	11.75	ug/l		100
52) Toluene	10.240	92	4342	2.53	ug/l		96
53) t-1,3-Dichloropropene	10.459	75	2618	2.53	ug/l		94
54) cis-1,3-Dichloropropene	9.929	75	2833	2.44	ug/l		99
55) 1,1,2-Trichloroethane	10.642	97	1283	2.40	ug/l		96
56) Ethyl methacrylate	10.502	69	1706	2.24	ug/l		96
57) 1,3-Dichloropropane	10.788	76	2378	2.52	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.782	63	4633	13.40	ug/l		100
59) 2-Hexanone	10.831	43	4602	11.47	ug/l		96
60) Dibromochloromethane	10.983	129	1782	2.64	ug/l		91
61) 1,2-Dibromoethane	11.087	107	1358	2.59	ug/l		90
64) Tetrachloroethene	10.715	164	2129	2.59	ug/l		87
65) Chlorobenzene	11.514	112	4568	2.54	ug/l		95
66) 1,1,1,2-Tetrachloroethane	11.587	131	1761	2.56	ug/l		99
67) Ethyl Benzene	11.587	91	8364	2.48	ug/l		94
68) m/p-Xylenes	11.703	106	6025	4.84	ug/l		97
69) o-Xylene	12.032	106	2739	2.34	ug/l		93
70) Styrene	12.044	104	4727	2.35	ug/l		97
71) Bromoform	12.203	173	1096	2.49	ug/l	#	97
73) Isopropylbenzene	12.325	105	7703	2.43	ug/l		100
74) N-amyl acetate	12.142	43	2169	2.27	ug/l		95
75) 1,1,2,2-Tetrachloroethane	12.581	83	1488	2.58	ug/l		95
76) 1,2,3-Trichloropropane	12.630	75	924m	2.06	ug/l		
77) Bromobenzene	12.605	156	2063	2.64	ug/l		99
78) n-propylbenzene	12.666	91	9508	2.51	ug/l		100
79) 2-Chlorotoluene	12.751	91	5474	2.54	ug/l		98
80) 1,3,5-Trimethylbenzene	12.806	105	6821	2.52	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.373	75	494m	2.05	ug/l		
82) 4-Chlorotoluene	12.855	91	5795	2.57	ug/l		100
83) tert-Butylbenzene	13.075	119	5573	2.41	ug/l		99
84) 1,2,4-Trimethylbenzene	13.117	105	6495	2.40	ug/l		99
85) sec-Butylbenzene	13.251	105	7790	2.46	ug/l		100
86) p-Isopropyltoluene	13.367	119	6949	2.35	ug/l		99
87) 1,3-Dichlorobenzene	13.361	146	3841	2.58	ug/l		97
88) 1,4-Dichlorobenzene	13.440	146	3918	2.65	ug/l		86
89) n-Butylbenzene	13.690	91	6566	2.39	ug/l		99
90) Hexachloroethane	13.959	117	1392	2.64	ug/l		90
91) 1,2-Dichlorobenzene	13.739	146	3598	2.74	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	14.355	75	281	2.54	ug/l		93
93) 1,2,4-Trichlorobenzene	15.007	180	2470	2.62	ug/l		97
94) Hexachlorobutadiene	15.111	225	1635	2.74	ug/l		97
95) Naphthalene	15.233	128	4669	2.71	ug/l		99
96) 1,2,3-Trichlorobenzene	15.416	180	2164	2.69	ug/l		99

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022221\
Data File : VY004039.D
Acq On : 22 Feb 2021 16:59
Operator : SY/MD
Sample : M1458-01 2.5PPBLOD
Misc : 5.00g/5mL/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

Manual Integrations APPROVED
MMDadoda
2/23/2021 1:06:48 PM

Quant Time: Feb 23 04:14:48 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022221S.M
Quant Title : SW846 8260
QLast Update : Tue Feb 23 04:14:29 2021
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\VY022221\
Data File : VY004039.D
Acq On : 22 Feb 2021 16:59
Operator : SY/MD
Sample : M1458-01 2.5PPBLOD
Misc : 5.00g/5mL/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Feb 23 04:14:48 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022221S.M
Quant Title : SW846 8260
QLast Update : Tue Feb 23 04:14:29 2021
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

Manual Integrations APPROVED
MMDadoda
2/23/2021 1:06:48 PM