Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050621\
Data File : VW018943.D
Acq On : 06 May 2021 13:36
Operator : SY/VA
Sample : M2250-03
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2021-05

Manual Integrations APPROVED
MMDadoda
5/7/2021 6:22:36 PM

Quant Time: May 07 01:26:01 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042921SMA.M
Quant Title : SFAM01.0
QLast Update : Fri May 07 01:24:58 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Difluorobenzene	8.842	114	637022	25.00	ug/L		0.00
28) Chlorobenzene-d5	11.634	117	583219	25.00	ug/L		0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	285762	25.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.355	65	151577	18.55	ug/L		0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 74.20%				
7) Chloroethane-d5	2.892	69	118878	18.77	ug/L		0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 75.08%				
11) 1,1-Dichloroethene-d2	4.019	63	264401	16.29	ug/L		0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 65.16%				
21) 2-Butanone-d5	7.074	46	110871	52.09	ug/L		0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 104.18%				
24) Chloroform-d	7.647	84	373666	22.35	ug/L		0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 89.40%				
26) 1,2-Dichloroethane-d4	8.305	65	228102	24.42	ug/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.68%				
32) Benzene-d6	8.275	84	707395	21.47	ug/L		0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 85.88%				
36) 1,2-Dichloropropane-d6	9.275	67	216954	22.19	ug/L		0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 88.76%				
41) Toluene-d8	10.323	98	644474	20.97	ug/L		0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 83.88%				
43) trans-1,3-Dichloroprop...	10.579	79	91794	20.66	ug/L		0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 82.64%				
47) 2-Hexanone-d5	10.927	63	82327	47.03	ug/L		0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 94.06%				
56) 1,1,2,2-Tetrachloroeth...	12.695	84	189087	22.83	ug/L		0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 91.32%				
66) 1,2-Dichlorobenzene-d4	13.853	152	207809	21.22	ug/L		0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 84.88%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.014	85	6556	1.08	ug/L	#	83
3) Chloromethane	2.215	50	9142	1.61	ug/L		100
5) Vinyl chloride	2.367	62	12994	1.41	ug/L	#	80
6) Bromomethane	2.788	94	7556	1.17	ug/L		95
8) Chloroethane	2.928	64	6756	1.22	ug/L		98
9) Trichlorofluoromethane	3.263	101	8648	1.21	ug/L		90
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	13357	1.62	ug/L		86
12) 1,1-Dichloroethene	4.038	96	12970	1.57	ug/L	#	1
13) Acetone	4.129	43	8537	5.23	ug/L		93
14) Carbon disulfide	4.379	76	30224	1.24	ug/L		99
15) Methyl Acetate	4.672	43	4642	1.40	ug/L		94
16) Methylene chloride	4.916	84	49998	4.75	ug/L		96
17) trans-1,2-Dichloroethene	5.422	96	11269m	1.27	ug/L		
18) Methyl tert-butyl Ether	5.428	73	16693	1.37	ug/L	#	80
19) 1,1-Dichloroethane	6.220	63	21521	1.42	ug/L		98
20) cis-1,2-Dichloroethene	7.171	96	12374	1.32	ug/L		97
22) 2-Butanone	7.177	43	10786m	4.77	ug/L		
23) Bromochloromethane	7.519	128	5526	1.34	ug/L		90
25) Chloroform	7.677	83	24417	1.54	ug/L		91

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050621\
Data File : VW018943.D
Acq On : 06 May 2021 13:36
Operator : SY/VA
Sample : M2250-03
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Quant Time: May 07 01:26:01 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042921SMA.M
Quant Title : SFAM01.0
QLast Update : Fri May 07 01:24:58 2021
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2021-05

Manual Integrations APPROVED
MMDadoda
5/7/2021 6:22:36 PM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.403	62	17185	1.59	ug/L		100
29) Cyclohexane	7.958	56	17912	1.28	ug/L		98
30) 1,1,1-Trichloroethane	7.872	97	17554	1.36	ug/L		96
31) Carbon tetrachloride	8.067	117	15739	1.34	ug/L		100
33) Benzene	8.323	78	53783	1.54	ug/L		100
34) Trichloroethene	9.092	95	12395	1.33	ug/L		96
35) Methylcyclohexane	9.335	83	20809	1.27	ug/L		94
37) 1,2-Dichloropropane	9.366	63	11736	1.39	ug/L		99
38) Bromodichloromethane	9.646	83	15346	1.38	ug/L		99
39) cis-1,3-Dichloropropene	10.073	75	17092	1.27	ug/L		98
40) 4-Methyl-2-pentanone	10.213	43	17316	3.31	ug/L		97
42) Toluene	10.390	91	59193	1.54	ug/L		100
44) trans-1,3-Dichloropropene	10.604	75	20238	1.72	ug/L		98
45) 1,1,2-Trichloroethane	10.786	97	8798	1.32	ug/L		92
46) Tetrachloroethene	10.866	164	10672	1.52	ug/L		94
48) 2-Hexanone	10.975	43	9832	2.89	ug/L		94
49) Dibromochloromethane	11.128	129	9036	1.25	ug/L		91
50) 1,2-Dibromoethane	11.238	107	8007	1.23	ug/L		87
51) Chlorobenzene	11.658	112	30858	1.31	ug/L		97
52) Ethylbenzene	11.731	91	55741	1.31	ug/L		94
53) m,p-Xylene	11.841	106	20398	1.29	ug/L		88
54) o-Xylene	12.164	106	18054	1.20	ug/L		95
55) Styrene	12.183	104	29607	1.17	ug/L		95
57) 1,1,2,2-Tetrachloroethane	12.719	83	11889	1.47	ug/L	#	95
59) Bromoform	12.347	173	4509	1.14	ug/L	#	96
60) Isopropylbenzene	12.463	105	49220	1.21	ug/L		96
61) 1,2,3-Trichloropropane	12.768	75	8485	1.40	ug/L		99
62) 1,3,5-Trimethylbenzene	12.945	105	41693	1.22	ug/L		97
63) 1,2,4-Trimethylbenzene	13.249	105	42580	1.25	ug/L		97
64) 1,3-Dichlorobenzene	13.499	146	22095	1.28	ug/L		93
65) 1,4-Dichlorobenzene	13.579	146	23754	1.37	ug/L		92
67) 1,2-Dichlorobenzene	13.871	146	21187	1.36	ug/L		96
68) 1,2-Dibromo-3-chloropr...	14.481	75	1907	1.48	ug/L	#	91
69) 1,3,5-Trichlorobenzene	14.627	180	14991	1.21	ug/L		91
70) 1,2,4-trichlorobenzene	15.127	180	13327	1.29	ug/L		97
71) Naphthalene	15.365	128	23551	1.08	ug/L		99
72) 1,2,3-Trichlorobenzene	15.548	180	11274	1.24	ug/L		97

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050621\
Data File : VW018943.D
Acq On : 06 May 2021 13:36
Operator : SY/VA
Sample : M2250-03
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Quant Time: May 07 01:26:01 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042921SMA.M
Quant Title : SFAM01.0
QLast Update : Fri May 07 01:24:58 2021
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2021-05

Manual Integrations APPROVED
MMDadoda
5/7/2021 6:22:36 PM