Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051221\
Data File : VW018981.D
Acq On : 12 May 2021 17:29
Operator : SY/VA
Sample : M2250-04
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2021-06

Manual Integrations APPROVED
MMDadoda
5/13/2021 4:09:59 PM

Quant Time: May 13 03:08:46 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM051221SMA.M
Quant Title : SFAM01.0
QLast Update : Wed May 12 15:15:33 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Difluorobenzene	8.842	114	573728	25.00	ug/L		0.00
28) Chlorobenzene-d5	11.634	117	520905	25.00	ug/L		0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	261137	25.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.361	65	168407	25.08	ug/L		0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 100.32%				
7) Chloroethane-d5	2.898	69	132735	24.32	ug/L		0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 97.28%				
11) 1,1-Dichloroethene-d2	4.019	63	241364	18.54	ug/L		-0.01
Spiked Amount 25.000	Range 45 - 110		Recovery = 74.16%				
21) 2-Butanone-d5	7.080	46	69615	47.97	ug/L		0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 95.94%				
24) Chloroform-d	7.653	84	332340	23.34	ug/L		0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 93.36%				
26) 1,2-Dichloroethane-d4	8.305	65	176982	24.33	ug/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.32%				
32) Benzene-d6	8.275	84	698375	25.05	ug/L		0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 100.20%				
36) 1,2-Dichloropropane-d6	9.274	67	204994	25.15	ug/L		0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 100.60%				
41) Toluene-d8	10.323	98	650321	25.12	ug/L		0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 100.48%				
43) trans-1,3-Dichloroprop...	10.579	79	81885	23.82	ug/L		0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 95.28%				
47) 2-Hexanone-d5	10.927	63	57002	47.81	ug/L		0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 95.62%				
56) 1,1,2,2-Tetrachloroeth...	12.695	84	146841	23.47	ug/L		0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 93.88%				
66) 1,2-Dichlorobenzene-d4	13.853	152	216876	24.90	ug/L		0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 99.60%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.014	85	4371	0.85	ug/L		92
3) Chloromethane	2.215	50	6561	1.28	ug/L		99
5) Vinyl chloride	2.367	62	9239	1.12	ug/L	#	52
6) Bromomethane	2.788	94	6202	0.97	ug/L		85
8) Chloroethane	2.940	64	5353	1.04	ug/L		97
9) Trichlorofluoromethane	3.263	101	5078	0.88	ug/L		99
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	9276m	1.31	ug/L		
12) 1,1-Dichloroethene	4.044	96	8525	1.21	ug/L	#	1
13) Acetone	4.135	43	4357	4.06	ug/L		88
14) Carbon disulfide	4.385	76	18814	0.88	ug/L		100
15) Methyl Acetate	4.678	43	2127	0.89	ug/L	#	74
16) Methylene chloride	4.922	84	50198	5.41	ug/L		94
17) trans-1,2-Dichloroethene	5.434	96	6887	0.90	ug/L	#	78
18) Methyl tert-butyl Ether	5.434	73	8606m	0.88	ug/L		
19) 1,1-Dichloroethane	6.220	63	12475m	0.93	ug/L		
20) cis-1,2-Dichloroethene	7.171	96	7460	0.91	ug/L		89
22) 2-Butanone	7.177	43	4367m	2.70	ug/L		
23) Bromochloromethane	7.519	128	3241	0.90	ug/L	#	81
25) Chloroform	7.677	83	14491	1.04	ug/L		93

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051221\
Data File : VW018981.D
Acq On : 12 May 2021 17:29
Operator : SY/VA
Sample : M2250-04
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2021-06

Manual Integrations APPROVED
MMDadoda
5/13/2021 4:09:59 PM

Quant Time: May 13 03:08:46 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM051221SMA.M
Quant Title : SFAM01.0
QLast Update : Wed May 12 15:15:33 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.403	62	8239	0.94	ug/L		98
29) Cyclohexane	7.958	56	10942	0.97	ug/L		99
30) 1,1,1-Trichloroethane	7.878	97	10473	0.96	ug/L		99
31) Carbon tetrachloride	8.073	117	9651	0.98	ug/L		95
33) Benzene	8.323	78	30226	1.00	ug/L		100
34) Trichloroethene	9.092	95	7634	0.96	ug/L		92
35) Methylcyclohexane	9.335	83	13012	0.97	ug/L		99
37) 1,2-Dichloropropane	9.372	63	7213	0.99	ug/L		99
38) Bromodichloromethane	9.640	83	8263	0.86	ug/L		99
39) cis-1,3-Dichloropropene	10.073	75	10212	0.92	ug/L		99
40) 4-Methyl-2-pentanone	10.213	43	7547	2.06	ug/L		98
42) Toluene	10.390	91	41752	1.26	ug/L		100
44) trans-1,3-Dichloropropene	10.610	75	12169	1.28	ug/L		100
45) 1,1,2-Trichloroethane	10.792	97	4955	0.92	ug/L		89
46) Tetrachloroethene	10.860	164	6531	1.04	ug/L		97
48) 2-Hexanone	10.975	43	4347	1.87	ug/L	#	89
49) Dibromochloromethane	11.134	129	5299	0.86	ug/L		98
50) 1,2-Dibromoethane	11.231	107	4432	0.86	ug/L	#	95
51) Chlorobenzene	11.658	112	19777	0.94	ug/L		96
52) Ethylbenzene	11.731	91	33927	0.93	ug/L		95
53) m,p-Xylene	11.841	106	12841	0.93	ug/L		86
54) o-Xylene	12.164	106	11208	0.85	ug/L		88
55) Styrene	12.182	104	18487	0.82	ug/L		98
57) 1,1,2,2-Tetrachloroethane	12.713	83	5824	0.93	ug/L	#	86
59) Bromoform	12.347	173	2525	0.76	ug/L		90
60) Isopropylbenzene	12.463	105	31817	0.91	ug/L		98
61) 1,2,3-Trichloropropane	12.768	75	4307	0.96	ug/L		93
62) 1,3,5-Trimethylbenzene	12.945	105	24776	0.86	ug/L		98
63) 1,2,4-Trimethylbenzene	13.249	105	26292	0.91	ug/L		99
64) 1,3-Dichlorobenzene	13.499	146	14531	0.94	ug/L		89
65) 1,4-Dichlorobenzene	13.579	146	15228	0.97	ug/L		97
67) 1,2-Dichlorobenzene	13.871	146	13077	0.93	ug/L		99
68) 1,2-Dibromo-3-chloropr...	14.475	75	773m	0.84	ug/L		
69) 1,3,5-Trichlorobenzene	14.627	180	11016	0.97	ug/L		96
70) 1,2,4-trichlorobenzene	15.127	180	8641	0.93	ug/L		92
71) Naphthalene	15.365	128	14431	0.88	ug/L		100
72) 1,2,3-Trichlorobenzene	15.560	180	7806	0.97	ug/L		97

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051221\
Data File : VW018981.D
Acq On : 12 May 2021 17:29
Operator : SY/VA
Sample : M2250-04
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Quant Time: May 13 03:08:46 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM051221SMA.M
Quant Title : SFAM01.0
QLast Update : Wed May 12 15:15:33 2021
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2021-06

Manual Integrations APPROVED
MMDadoda
5/13/2021 4:09:59 PM