Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111424\
Data File : VD080008.D
Acq On : 14 Nov 2024 12:37
Operator : RP/MD
Sample : P4776-04
Misc : 5.00G/10ml/MSVOA_D/SOIL/A
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-QT4-2024-08

Quant Time: Nov 15 03:45:41 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM111224SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Nov 15 03:41:03 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	229618	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	217835	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	93514	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	52793	15.425	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 61.680%			
7) Chloroethane-d5	2.805	69	52801	18.621	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 74.480%			
11) 1,1-Dichloroethene-d2	3.922	65	28954	20.636	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 82.560%			
21) 2-Butanone-d5	6.987	46	32659	45.319	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 90.640%			
24) Chloroform-d	7.569	84	156434	23.988	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 95.960%			
26) 1,2-Dichloroethane-d4	8.228	65	83246m	23.541	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 94.160%			
32) Benzene-d6	8.204	84	296017	23.629	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 94.520%			
36) 1,2-Dichloropropane-d6	9.210	67	101247	25.053	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 100.200%			
41) Toluene-d8	10.269	98	272132	23.865	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 95.440%			
43) trans-1,3-Dichloroprop...	10.522	79	39993	24.589	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 98.360%			
47) 2-Hexanone-d5	10.875	63	27538	46.280	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 92.560%			
56) 1,1,2,2-Tetrachloroeth...	12.651	84	79892	24.680	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 98.720%			
66) 1,2-Dichlorobenzene-d4	13.816	152	89873	27.733	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 110.920%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	4246	1.216	ug/L	90
3) Chloromethane	2.146	50	2737	0.958	ug/L	86
5) Vinyl chloride	2.287	62	3401	0.949	ug/L #	67
6) Bromomethane	2.705	94	2957	1.167	ug/L	89
8) Chloroethane	2.846	64	2405	1.053	ug/L #	82
9) Trichlorofluoromethane	3.181	101	6909	1.152	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.964	101	4721m	1.302	ug/L	
12) 1,1-Dichloroethene	3.940	96	4315m	1.403	ug/L	
13) Acetone	4.028	43	2064m	2.415	ug/L	
14) Carbon disulfide	4.275	76	10675	1.039	ug/L #	93
15) Methyl Acetate	4.569	43	1700m	1.268	ug/L	
16) Methylene chloride	4.793	84	7502	1.969	ug/L	87
17) trans-1,2-Dichloroethene	5.316	96	3447	1.018	ug/L	95
18) Methyl tert-butyl Ether	5.322	73	6556	0.995	ug/L #	69
19) 1,1-Dichloroethane	6.105	63	7549	1.193	ug/L	90
20) cis-1,2-Dichloroethene	7.087	96	4098m	1.109	ug/L	
22) 2-Butanone	7.081	43	3336m	3.288	ug/L	
23) Bromochloromethane	7.428	128	2248	1.225	ug/L #	71
25) Chloroform	7.593	83	18943	2.589	ug/L	96

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111424\
Data File : VD080008.D
Acq On : 14 Nov 2024 12:37
Operator : RP/MD
Sample : P4776-04
Misc : 5.00G/10ml/MSVOA_D/SOIL/A
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-QT4-2024-08

Quant Time: Nov 15 03:45:41 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM111224SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Nov 15 03:41:03 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
27) 1,2-Dichloroethane	8.334	62	4914	1.150 ug/L #	86
29) Cyclohexane	7.875	56	4707m	1.000 ug/L	
30) 1,1,1-Trichloroethane	7.799	97	6726	1.207 ug/L #	91
31) Carbon tetrachloride	7.999	117	5864	1.198 ug/L	97
33) Benzene	8.246	78	17294	1.270 ug/L	100
34) Trichloroethene	9.034	95	4449	1.219 ug/L	94
35) Methylcyclohexane	9.275	83	5497	1.030 ug/L #	76
38) Bromodichloromethane	9.581	83	6113	1.261 ug/L	97
39) cis-1,3-Dichloropropene	10.016	75	6058	1.103 ug/L	86
40) 4-Methyl-2-pentanone	10.163	43	3536	1.969 ug/L #	84
42) Toluene	10.334	91	19005	1.278 ug/L	95
44) trans-1,3-Dichloropropene	10.551	75	6220	1.315 ug/L	98
45) 1,1,2-Trichloroethane	10.734	97	3609	1.246 ug/L	86
46) Tetrachloroethene	10.810	164	3501	1.127 ug/L	89
48) 2-Hexanone	10.922	43	3837	2.650 ug/L #	77
49) Dibromochloromethane	11.075	129	4144	1.215 ug/L	92
50) 1,2-Dibromoethane	11.181	107	3231	1.222 ug/L #	76
51) Chlorobenzene	11.610	112	11158	1.145 ug/L	98
52) Ethylbenzene	11.681	91	16514	1.029 ug/L	88
53) m,p-Xylene	11.793	106	6860	1.140 ug/L	86
54) o-Xylene	12.122	106	5630	0.982 ug/L	78
55) Styrene	12.134	104	9905	0.960 ug/L	85
57) 1,1,2,2-Tetrachloroethane	12.669	83	4242	1.261 ug/L #	95
59) Bromoform	12.293	173	2585	1.498 ug/L #	83
60) Isopropylbenzene	12.422	105	15439	1.208 ug/L	98
61) 1,2,3-Trichloropropane	12.722	75	2780	1.525 ug/L #	81
62) 1,3,5-Trimethylbenzene	12.904	105	12061	1.201 ug/L	96
63) 1,2,4-Trimethylbenzene	13.210	105	11446	1.145 ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	7602	1.212 ug/L	85
65) 1,4-Dichlorobenzene	13.540	146	8950	1.362 ug/L	95
67) 1,2-Dichlorobenzene	13.828	146	8411	1.451 ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.439	75	536m	1.349 ug/L	
69) 1,3,5-Trichlorobenzene	14.592	180	5560	1.312 ug/L	97
70) 1,2,4-trichlorobenzene	15.092	180	4810	1.347 ug/L	90
71) Naphthalene	15.334	128	8095	1.327 ug/L	96
72) 1,2,3-Trichlorobenzene	15.528	180	4185	1.327 ug/L	97

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111424\
Data File : VD080008.D
Acq On : 14 Nov 2024 12:37
Operator : RP/MD
Sample : P4776-04
Misc : 5.00G/10ml/MSVOA_D/SOIL/A
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-QT4-2024-08

Quant Time: Nov 15 03:45:41 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM111224SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Nov 15 03:41:03 2024
Response via : Initial Calibration