Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111324\
Data File : VD080003.D
Acq On : 13 Nov 2024 16:33
Operator : RP/MD
Sample : P4776-04
Misc : 5.00G/10ml/MSVOA_D/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 14 06:27:09 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM111224SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Nov 13 03:23:57 2024
Response via : Initial Calibration

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

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 11/14/2024
Supervised By :Semsettin Yesilyurt 11/14/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	232166	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	229050	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	101836	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	54354	15.706	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 62.840%			
7) Chloroethane-d5	2.805	69	48925	17.065	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 68.240%			
11) 1,1-Dichloroethene-d2	3.922	65	26882	18.949	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 75.800%			
21) 2-Butanone-d5	6.993	46	34031	46.705	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 93.420%			
24) Chloroform-d	7.569	84	156329	23.709	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 94.840%			
26) 1,2-Dichloroethane-d4	8.228	65	85583	23.936	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 95.760%			
32) Benzene-d6	8.205	84	299807	22.760	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 91.040%			
36) 1,2-Dichloropropane-d6	9.210	67	102380	24.093	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 96.360%			
41) Toluene-d8	10.269	98	269964	22.515	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 90.080%			
43) trans-1,3-Dichloroprop...	10.522	79	40783	23.847	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 95.400%			
47) 2-Hexanone-d5	10.875	63	29081	46.480	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 92.960%			
56) 1,1,2,2-Tetrachloroeth...	12.645	84	82421	24.214	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 96.840%			
66) 1,2-Dichlorobenzene-d4	13.810	152	98417	27.888	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 111.560%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	4915	1.392	ug/L	97
3) Chloromethane	2.152	50	3692	1.279	ug/L	99
5) Vinyl chloride	2.281	62	4434	1.223	ug/L	88
6) Bromomethane	2.693	94	3337	1.303	ug/L	84
8) Chloroethane	2.834	64	2655	1.150	ug/L	89
9) Trichlorofluoromethane	3.175	101	7222	1.191	ug/L	91
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	6039m	1.647	ug/L	
12) 1,1-Dichloroethene	3.946	96	5097	1.639	ug/L #	1
13) Acetone	4.028	43	2190m	2.534	ug/L	
14) Carbon disulfide	4.269	76	13433m	1.293	ug/L	
15) Methyl Acetate	4.581	43	1810m	1.335	ug/L	
16) Methylene chloride	4.799	84	7568	1.965	ug/L	87
17) trans-1,2-Dichloroethene	5.322	96	4315m	1.260	ug/L	
18) Methyl tert-butyl Ether	5.316	73	8213	1.233	ug/L #	71
19) 1,1-Dichloroethane	6.122	63	9099	1.422	ug/L	93
20) cis-1,2-Dichloroethene	7.075	96	5494m	1.471	ug/L	
22) 2-Butanone	7.087	43	3517m	3.429	ug/L	
23) Bromochloromethane	7.422	128	2655m	1.431	ug/L	
25) Chloroform	7.599	83	21180	2.863	ug/L	97

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111324\
Data File : VD080003.D
Acq On : 13 Nov 2024 16:33
Operator : RP/MD
Sample : P4776-04
Misc : 5.00G/10ml/MSVOA_D/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 14 06:27:09 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM111224SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Nov 13 03:23:57 2024
Response via : Initial Calibration

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

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 11/14/2024
Supervised By :Semsettin Yesilyurt 11/14/2024

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	6201	1.436 ug/L	95
29) Cyclohexane	7.875	56	5301m	1.071 ug/L	
30) 1,1,1-Trichloroethane	7.793	97	8137	1.388 ug/L #	83
31) Carbon tetrachloride	7.999	117	6447	1.253 ug/L	97
33) Benzene	8.257	78	19748	1.380 ug/L	100
34) Trichloroethene	9.028	95	5116	1.333 ug/L	89
35) Methylcyclohexane	9.275	83	6530	1.164 ug/L	92
38) Bromodichloromethane	9.581	83	7351	1.443 ug/L	85
39) cis-1,3-Dichloropropene	10.016	75	10167m	1.760 ug/L	
40) 4-Methyl-2-pentanone	10.163	43	4986	2.641 ug/L	98
42) Toluene	10.328	91	20477	1.310 ug/L	90
44) trans-1,3-Dichloropropene	10.551	75	8839	1.777 ug/L #	69
45) 1,1,2-Trichloroethane	10.728	97	4600	1.510 ug/L	80
46) Tetrachloroethene	10.804	164	4618	1.414 ug/L	78
48) 2-Hexanone	10.875	43	8896m	5.843 ug/L	
49) Dibromochloromethane	11.069	129	5109	1.424 ug/L	86
50) 1,2-Dibromoethane	11.175	107	3746	1.348 ug/L #	87
51) Chlorobenzene	11.604	112	13781	1.344 ug/L	91
52) Ethylbenzene	11.681	91	20795	1.232 ug/L	97
53) m,p-Xylene	11.793	106	7316	1.156 ug/L	93
54) o-Xylene	12.116	106	7538	1.250 ug/L	82
55) Styrene	12.128	104	11654	1.074 ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.663	83	6040	1.707 ug/L #	97
59) Bromoform	12.293	173	2902	1.544 ug/L #	96
60) Isopropylbenzene	12.422	105	17435	1.252 ug/L	97
61) 1,2,3-Trichloropropane	12.722	75	3242	1.633 ug/L #	85
62) 1,3,5-Trimethylbenzene	12.898	105	14327	1.310 ug/L	100
63) 1,2,4-Trimethylbenzene	13.210	105	12796	1.175 ug/L	94
64) 1,3-Dichlorobenzene	13.457	146	9502	1.391 ug/L	99
65) 1,4-Dichlorobenzene	13.534	146	10820	1.512 ug/L	90
67) 1,2-Dichlorobenzene	13.828	146	10631	1.684 ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.440	75	678m	1.568 ug/L	
69) 1,3,5-Trichlorobenzene	14.592	180	6230m	1.350 ug/L	
70) 1,2,4-trichlorobenzene	15.098	180	5522	1.420 ug/L	98
71) Naphthalene	15.328	128	9594	1.444 ug/L #	92
72) 1,2,3-Trichlorobenzene	15.516	180	4993	1.454 ug/L #	91

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111324\
Data File : VD080003.D
Acq On : 13 Nov 2024 16:33
Operator : RP/MD
Sample : P4776-04
Misc : 5.00G/10ml/MSVOA_D/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 14 06:27:09 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM111224SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Nov 13 03:23:57 2024
Response via : Initial Calibration

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

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 11/14/2024
Supervised By :Semsettin Yesilyurt 11/14/2024