Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111224\
Data File : VD079998.D
Acq On : 12 Nov 2024 15:35
Operator : RP/MD
Sample : P4776-03
Misc : 5.00G/10ml/MSVOA_D/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Nov 13 03:24:27 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-QT4-2024-07

Manual Integrations APPROVED

Reviewed By :Romaben Patel 11/13/2024
Supervised By :Mahesh Dadoda 11/13/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	245353	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	230963	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	101056	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	78794	21.545	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 86.200%			
7) Chloroethane-d5	2.805	69	72524	23.936	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 95.760%			
11) 1,1-Dichloroethene-d2	3.922	65	32410	21.618	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 86.480%			
21) 2-Butanone-d5	6.981	46	34968	45.412	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 90.820%			
24) Chloroform-d	7.569	84	159668	22.914	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 91.640%			
26) 1,2-Dichloroethane-d4	8.228	65	91026	24.090	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.360%			
32) Benzene-d6	8.204	84	325462	24.503	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 98.000%			
36) 1,2-Dichloropropane-d6	9.210	67	107442	25.075	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 100.280%			
41) Toluene-d8	10.269	98	285628	23.624	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 94.480%			
43) trans-1,3-Dichloroprop...	10.522	79	42957	24.910	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 99.640%			
47) 2-Hexanone-d5	10.875	63	30642	48.570	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 97.140%			
56) 1,1,2,2-Tetrachloroeth...	12.651	84	83124	24.219	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 96.880%			
66) 1,2-Dichlorobenzene-d4	13.816	152	94142	26.882	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 107.520%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	4876	1.307	ug/L #	84
3) Chloromethane	2.152	50	4824	1.581	ug/L	86
5) Vinyl chloride	2.287	62	5927	1.547	ug/L	87
6) Bromomethane	2.699	94	4114	1.520	ug/L	100
8) Chloroethane	2.834	64	3415m	1.400	ug/L	
9) Trichlorofluoromethane	3.181	101	8731m	1.363	ug/L	
10) 1,1,2-Trichloro-1,2,2-...	3.981	101	6196m	1.599	ug/L	
12) 1,1-Dichloroethene	3.940	96	5537m	1.684	ug/L	
13) Acetone	4.028	43	2825m	3.093	ug/L	
14) Carbon disulfide	4.275	76	14968m	1.363	ug/L	
15) Methyl Acetate	4.563	43	2167m	1.512	ug/L	
16) Methylene chloride	4.811	84	6710	1.648	ug/L	93
17) trans-1,2-Dichloroethene	5.316	96	4687	1.295	ug/L	98
18) Methyl tert-butyl Ether	5.334	73	7945m	1.129	ug/L	
19) 1,1-Dichloroethane	6.105	63	8687	1.285	ug/L	89
20) cis-1,2-Dichloroethene	7.075	96	5060	1.282	ug/L #	88
22) 2-Butanone	7.075	43	2994m	2.762	ug/L	
23) Bromochloromethane	7.434	128	2677	1.365	ug/L	82
25) Chloroform	7.593	83	30204	3.864	ug/L	100

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	Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
27)	1,2-Dichloroethane	8.322	62	5933	1.300 ug/L #	90
29)	Cyclohexane	7.875	56	5828	1.167 ug/L #	68
30)	1,1,1-Trichloroethane	7.793	97	8261	1.398 ug/L #	71
31)	Carbon tetrachloride	7.999	117	6150	1.185 ug/L	89
33)	Benzene	8.252	78	22469	1.557 ug/L	100
34)	Trichloroethene	9.028	95	5337	1.379 ug/L	87
35)	Methylcyclohexane	9.269	83	7251	1.282 ug/L	98
38)	Bromodichloromethane	9.581	83	6826	1.329 ug/L	85
39)	cis-1,3-Dichloropropene	10.016	75	7832	1.345 ug/L	92
40)	4-Methyl-2-pentanone	10.157	43	4559	2.395 ug/L #	74
42)	Toluene	10.334	91	20728	1.315 ug/L	99
44)	trans-1,3-Dichloropropene	10.551	75	5812m	1.159 ug/L	
45)	1,1,2-Trichloroethane	10.734	97	4055	1.320 ug/L	90
46)	Tetrachloroethene	10.804	164	3718	1.129 ug/L	89
48)	2-Hexanone	10.922	43	3670	2.391 ug/L	99
49)	Dibromochloromethane	11.075	129	4641	1.283 ug/L	74
50)	1,2-Dibromoethane	11.181	107	3978	1.419 ug/L #	99
51)	Chlorobenzene	11.604	112	13490	1.305 ug/L	92
52)	Ethylbenzene	11.681	91	19423	1.142 ug/L	93
53)	m,p-Xylene	11.793	106	7027	1.101 ug/L	79
54)	o-Xylene	12.116	106	7199	1.184 ug/L	93
55)	Styrene	12.140	104	12017	1.098 ug/L	81
57)	1,1,2,2-Tetrachloroethane	12.669	83	5111	1.433 ug/L	90
59)	Bromoform	12.293	173	2748	1.473 ug/L #	39
60)	Isopropylbenzene	12.416	105	16652	1.205 ug/L	96
61)	1,2,3-Trichloropropane	12.728	75	3251	1.651 ug/L #	93
62)	1,3,5-Trimethylbenzene	12.904	105	12779	1.178 ug/L	95
63)	1,2,4-Trimethylbenzene	13.210	105	12449	1.152 ug/L	95
64)	1,3-Dichlorobenzene	13.451	146	9097	1.342 ug/L	85
65)	1,4-Dichlorobenzene	13.534	146	10238	1.441 ug/L	97
67)	1,2-Dichlorobenzene	13.828	146	9247	1.476 ug/L	86
68)	1,2-Dibromo-3-chloropr...	14.439	75	602m	1.403 ug/L	
69)	1,3,5-Trichlorobenzene	14.592	180	6700	1.463 ug/L	97
70)	1,2,4-trichlorobenzene	15.098	180	5340	1.384 ug/L	90
71)	Naphthalene	15.334	128	8312	1.261 ug/L	95
72)	1,2,3-Trichlorobenzene	15.522	180	4676	1.372 ug/L #	90

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

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