

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030623\
 Data File : VD075452.D
 Acq On : 06 Mar 2023 11:04
 Operator : KP/SY
 Sample : MDL06
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MDL06

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 03/07/2023
 Supervised By :Mahesh Dadoda 03/07/2023

Quant Time: Mar 06 13:14:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM030123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Mar 03 23:23:38 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	314619	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	275135	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	120450	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	138704	17.756	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	71.040%		
7) Chloroethane-d5	2.805	69	135125	19.988	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	79.960%		
11) 1,1-Dichloroethene-d2	3.922	63	102265	14.015	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	56.080%		
21) 2-Butanone-d5	6.987	46	31540	43.568	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	87.140%		
24) Chloroform-d	7.569	84	175879	21.331	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	85.320%		
26) 1,2-Dichloroethane-d4	8.234	65	75358	21.097	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	84.400%		
32) Benzene-d6	8.204	84	352025	21.544	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	86.160%		
36) 1,2-Dichloropropane-d6	9.210	67	102400	22.173	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	88.680%		
41) Toluene-d8	10.275	98	308506	20.697	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	82.800%		
43) trans-1,3-Dichloroprop...	10.528	79	40729	21.582	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	86.320%		
47) 2-Hexanone-d5	10.881	63	27572	41.385	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	82.780%		
56) 1,1,2,2-Tetrachloroeth...	12.651	84	83180	21.532	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	86.120%		
66) 1,2-Dichlorobenzene-d4	13.816	152	97699	23.189	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	92.760%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	5526	1.142	ug/L	99
5) Vinyl chloride	2.287	62	11145	1.089	ug/L	85
6) Bromomethane	2.699	94	7741	1.596	ug/L	94
8) Chloroethane	2.840	64	6757	1.050	ug/L	91
9) Trichlorofluoromethane	3.175	101	8928	1.165	ug/L #	63
10) 1,1,2-Trichloro-1,2,2-...	3.975	101	6132	1.158	ug/L #	61
12) 1,1-Dichloroethene	3.946	96	6150	1.319	ug/L #	1
13) Acetone	4.040	43	2434m	2.976	ug/L	
14) Carbon disulfide	4.281	76	13902m	1.067	ug/L	
16) Methylene chloride	4.811	84	12637m	1.902	ug/L	
17) trans-1,2-Dichloroethene	5.310	96	5114m	1.023	ug/L	
19) 1,1-Dichloroethane	6.122	63	8551	1.012	ug/L #	94
20) cis-1,2-Dichloroethene	7.081	96	5751	1.019	ug/L	88
22) 2-Butanone	7.069	43	3164m	3.049	ug/L	
23) Bromochloromethane	7.434	128	2523m	1.043	ug/L	
25) Chloroform	7.599	83	10534	1.143	ug/L	97
27) 1,2-Dichloroethane	8.322	62	5395	1.085	ug/L #	75
30) 1,1,1-Trichloroethane	7.787	97	8341	1.127	ug/L	94
31) Carbon tetrachloride	7.993	117	5924	1.008	ug/L #	62

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

33) Benzene	8.252	78	21078	1.066	ug/L	100
34) Trichloroethene	9.028	95	5243	1.015	ug/L	94
38) Bromodichloromethane	9.581	83	7410	1.153	ug/L	86
39) cis-1,3-Dichloropropene	10.022	75	7525	1.012	ug/L	86
40) 4-Methyl-2-pentanone	10.163	43	3951	2.120	ug/L #	81
44) trans-1,3-Dichloropropene	10.551	75	8435m	1.377	ug/L	
45) 1,1,2-Trichloroethane	10.728	97	3953	1.019	ug/L	91
46) Tetrachloroethene	10.810	164	4342	1.097	ug/L	95
48) 2-Hexanone	10.928	43	3086	2.251	ug/L #	63
49) Dibromochloromethane	11.075	129	4438	1.047	ug/L	95
50) 1,2-Dibromoethane	11.187	107	3706	1.056	ug/L #	98
51) Chlorobenzene	11.610	112	14760	1.049	ug/L	92
57) 1,1,2,2-Tetrachloroethane	12.675	83	4743	1.117	ug/L #	89
61) 1,2,3-Trichloropropane	12.722	75	2753	1.140	ug/L #	94
64) 1,3-Dichlorobenzene	13.457	146	10149	1.133	ug/L	94
65) 1,4-Dichlorobenzene	13.539	146	10636	1.154	ug/L	92
67) 1,2-Dichlorobenzene	13.834	146	9383	1.175	ug/L	90
68) 1,2-Dibromo-3-chloropr...	14.445	75	471m	1.004	ug/L	
69) 1,3,5-Trichlorobenzene	14.592	180	6119	1.089	ug/L	95
70) 1,2,4-trichlorobenzene	15.104	180	5333	1.180	ug/L	97
71) Naphthalene	15.339	128	9833	1.097	ug/L #	89
72) 1,2,3-Trichlorobenzene	15.522	180	4636	1.164	ug/L #	91

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

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