

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030623\
 Data File : VD075453.D
 Acq On : 06 Mar 2023 11:32
 Operator : KP/SY
 Sample : MDL07
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MDL07

Manual Integrations
 APPROVED

Reviewed By :Krupa
 Patel

Quant Time: Mar 06 13:22:10 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	303409	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	272246	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	119660	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	134583	17.864	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.440%
7) Chloroethane-d5	2.805	69	128557	19.719	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.880%
11) 1,1-Dichloroethene-d2	3.922	63	98621	14.015	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.080%
21) 2-Butanone-d5	6.993	46	29292	41.958	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.920%
24) Chloroform-d	7.569	84	166371	20.924	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.680%
26) 1,2-Dichloroethane-d4	8.228	65	74119	21.517	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.080%
32) Benzene-d6	8.205	84	335428	20.746	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.000%
36) 1,2-Dichloropropane-d6	9.210	67	98586	21.574	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.280%
41) Toluene-d8	10.269	98	295830	20.057	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.240%
43) trans-1,3-Dichloroprop...	10.528	79	38296	20.508	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.040%
47) 2-Hexanone-d5	10.881	63	25950	39.364	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.720%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	82030	21.460	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.840%
66) 1,2-Dichlorobenzene-d4	13.816	152	97264	23.238	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.960%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	5294	1.134	ug/L	94
5) Vinyl chloride	2.287	62	10177	1.031	ug/L	83
6) Bromomethane	2.699	94	7472	1.597	ug/L	99
8) Chloroethane	2.846	64	7012	1.129	ug/L	87
9) Trichlorofluoromethane	3.181	101	7547	1.021	ug/L	94
10) 1,1,2-Trichloro-1,2,2-...	3.981	101	6504m	1.274	ug/L	
12) 1,1-Dichloroethene	3.934	96	4989	1.110	ug/L #	1
13) Acetone	4.028	43	2208	2.800	ug/L	84
14) Carbon disulfide	4.281	76	12718	1.012	ug/L	96
16) Methylene chloride	4.805	84	15190	2.370	ug/L	92
17) trans-1,2-Dichloroethene	5.311	96	5575m	1.157	ug/L	
19) 1,1-Dichloroethane	6.122	63	8854	1.086	ug/L #	88
20) cis-1,2-Dichloroethene	7.081	96	5652m	1.038	ug/L	
22) 2-Butanone	7.093	43	3006m	3.004	ug/L	
23) Bromochloromethane	7.416	128	3041m	1.304	ug/L	
25) Chloroform	7.605	83	10597	1.192	ug/L	90
30) 1,1,1-Trichloroethane	7.799	97	7374m	1.007	ug/L	
33) Benzene	8.252	78	19711	1.007	ug/L	100
34) Trichloroethene	9.022	95	5437	1.064	ug/L	86

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
37) 1,2-Dichloropropane	9.304	63	4879	1.015	ug/L #	86	03/07/2023
38) Bromodichloromethane	9.581	83	6750	1.061	ug/L #	85	Supervised By :Mahesh Dadoda
39) cis-1,3-Dichloropropene	10.016	75	7481	1.017	ug/L	87	
40) 4-Methyl-2-pentanone	10.163	43	3850	2.088	ug/L #	74	
42) Toluene	10.334	91	21880	1.021	ug/L	94	
44) trans-1,3-Dichloropropene	10.557	75	7110m	1.173	ug/L		
46) Tetrachloroethene	10.816	164	4239	1.083	ug/L #	70	03/07/2023
48) 2-Hexanone	10.922	43	2945	2.171	ug/L #	91	
51) Chlorobenzene	11.604	112	15034	1.080	ug/L	95	
57) 1,1,2,2-Tetrachloroethane	12.681	83	4653	1.107	ug/L #	88	
59) Bromoform	12.304	173	2458	1.138	ug/L #	63	
61) 1,2,3-Trichloropropane	12.728	75	2802	1.168	ug/L #	79	
64) 1,3-Dichlorobenzene	13.457	146	8951	1.005	ug/L	84	
65) 1,4-Dichlorobenzene	13.540	146	9721	1.062	ug/L	87	
67) 1,2-Dichlorobenzene	13.828	146	9003	1.135	ug/L	90	
68) 1,2-Dibromo-3-chloropr...	14.451	75	622m	1.335	ug/L		
69) 1,3,5-Trichlorobenzene	14.598	180	5849	1.048	ug/L	95	
70) 1,2,4-trichlorobenzene	15.098	180	4595m	1.024	ug/L		
71) Naphthalene	15.334	128	9015	1.013	ug/L #	97	
72) 1,2,3-Trichlorobenzene	15.528	180	4290	1.084	ug/L	97	

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

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