

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042523\
 Data File : VD075821.D
 Acq On : 25 Apr 2023 19:51
 Operator : KP/SY
 Sample : 02419-12MSD
 Misc : 3.85G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EW925MSD

Quant Time: Apr 26 02:45:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Apr 26 02:39:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	312033	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	235224	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	79118	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	183019	26.737	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 106.960%	
7) Chloroethane-d5	2.805	69	160658	27.164	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 108.640%	
11) 1,1-Dichloroethene-d2	3.922	65	40452	25.633	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 102.520%	
21) 2-Butanone-d5	6.981	46	23350	39.293	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 78.580%	
24) Chloroform-d	7.569	84	205434	26.328	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 105.320%	
26) 1,2-Dichloroethane-d4	8.228	65	82718	24.824	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 99.280%	
32) Benzene-d6	8.199	84	431016	31.438	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 125.760%	
36) 1,2-Dichloropropane-d6	9.210	67	118214	31.152	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 124.600%#	
41) Toluene-d8	10.269	98	368739	28.729	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 114.920%	
43) trans-1,3-Dichloroprop...	10.528	79	41646	26.551	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 106.200%	
47) 2-Hexanone-d5	10.875	63	19652	43.010	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 86.020%	
56) 1,1,2,2-Tetrachloroeth...	12.651	84	68608	23.627	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 94.520%	
66) 1,2-Dichlorobenzene-d4	13.816	152	65373	23.360	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 93.440%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	122125	28.391	ug/L	100
3) Chloromethane	2.146	50	167644	27.957	ug/L	100
5) Vinyl chloride	2.281	62	205512	26.223	ug/L	95
6) Bromomethane	2.693	94	137413	26.093	ug/L	97
8) Chloroethane	2.840	64	134502	26.537	ug/L	96
9) Trichlorofluoromethane	3.175	101	161168	25.594	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.975	101	102186	24.155	ug/L	98
12) 1,1-Dichloroethene	3.940	96	107752	26.263	ug/L	94
13) Acetone	4.022	43	21234	41.755	ug/L	97
14) Carbon disulfide	4.275	76	351119	24.502	ug/L	100
15) Methyl Acetate	4.563	43	22680	20.579	ug/L #	60
16) Methylene chloride	4.799	84	140899	22.259	ug/L	98
17) trans-1,2-Dichloroethene	5.316	96	117381	25.515	ug/L	97
18) Methyl tert-butyl Ether	5.316	73	171694	23.267	ug/L #	87
19) 1,1-Dichloroethane	6.110	63	182794	27.123	ug/L	99
20) cis-1,2-Dichloroethene	7.081	96	122287	25.139	ug/L	96
22) 2-Butanone	7.081	43	30212	45.570	ug/L	93
23) Bromochloromethane	7.422	128	56898	25.221	ug/L	91
25) Chloroform	7.599	83	194628	25.768	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	94149	24.148	ug/L	99
29) Cyclohexane	7.875	56	100192	24.881	ug/L	96
30) 1,1,1-Trichloroethane	7.793	97	150483	30.237	ug/L	100
31) Carbon tetrachloride	7.993	117	116878	29.272	ug/L	97
33) Benzene	8.252	78	446001	31.346	ug/L	100
34) Trichloroethene	9.028	95	105229	28.598	ug/L	97
35) Methylcyclohexane	9.275	83	111017	19.569	ug/L	99
37) 1,2-Dichloropropane	9.304	63	100814	30.845	ug/L	99
38) Bromodichloromethane	9.587	83	129491	29.383	ug/L	97
39) cis-1,3-Dichloropropene	10.016	75	141321	27.188	ug/L	99
40) 4-Methyl-2-pentanone	10.157	43	58967	49.484	ug/L	98
42) Toluene	10.334	91	455421	29.578	ug/L	99
44) trans-1,3-Dichloropropene	10.551	75	110824	26.541	ug/L	96
45) 1,1,2-Trichloroethane	10.734	97	75597	27.188	ug/L	98
46) Tetrachloroethene	10.810	164	73163	24.242	ug/L	98
48) 2-Hexanone	10.922	43	41675	49.608	ug/L	93
49) Dibromochloromethane	11.075	129	81464	26.912	ug/L	92
50) 1,2-Dibromoethane	11.175	107	65323	26.058	ug/L	92
51) Chlorobenzene	11.610	112	257534	25.567	ug/L	98
52) Ethylbenzene	11.687	91	392071	24.832	ug/L	98
53) m,p-Xylene	11.793	106	153869	24.474	ug/L	99
54) o-Xylene	12.122	106	146812	24.585	ug/L	100
55) Styrene	12.134	104	257580	24.783	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.675	83	65984	23.323	ug/L	97
59) Bromoform	12.298	173	41712	34.400	ug/L	99
60) Isopropylbenzene	12.422	105	315063	30.032	ug/L	100
61) 1,2,3-Trichloropropane	12.728	75	42865	34.489	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	200137	25.584	ug/L	98
63) 1,2,4-Trimethylbenzene	13.216	105	194471	25.789	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	122857	24.476	ug/L	96
65) 1,4-Dichlorobenzene	13.539	146	126241	23.963	ug/L	99
67) 1,2-Dichlorobenzene	13.834	146	107742	24.036	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.445	75	7239	29.135	ug/L	89
69) 1,3,5-Trichlorobenzene	14.592	180	39204	11.652	ug/L	98
70) 1,2,4-trichlorobenzene	15.098	180	28036	10.055	ug/L	99
71) Naphthalene	15.334	128	76184	14.931	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	23773	9.552	ug/L	98

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

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