

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042123\
 Data File : VD075768.D
 Acq On : 21 Apr 2023 10:19
 Operator : KP/SY
 Sample : VSTDCCC025
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025128

Quant Time: Apr 22 03:49:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 21 05:54:09 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	382846	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	350929	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	194427	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	238228	28.365	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 113.480%	
7) Chloroethane-d5	2.805	69	197739	27.249	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 109.000%	
11) 1,1-Dichloroethene-d2	3.916	65	52519	27.124	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 108.480%	
21) 2-Butanone-d5	6.987	46	34964	47.955	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 95.900%	
24) Chloroform-d	7.569	84	249810	26.093	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 104.360%	
26) 1,2-Dichloroethane-d4	8.234	65	105720	25.859	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 103.440%	
32) Benzene-d6	8.204	84	542342	26.516	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 106.080%	
36) 1,2-Dichloropropane-d6	9.210	67	145674	25.731	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 102.920%	
41) Toluene-d8	10.269	98	519463	27.128	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 108.520%	
43) trans-1,3-Dichloroprop...	10.522	79	62179	26.571	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 106.280%	
47) 2-Hexanone-d5	10.875	63	34362	50.409	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 100.820%	
56) 1,1,2,2-Tetrachloroeth...	12.651	84	111492	25.736	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 102.960%	
66) 1,2-Dichlorobenzene-d4	13.816	152	152045	22.109	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 88.440%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	158859	30.100	ug/L	100
3) Chloromethane	2.146	50	199734	27.147	ug/L	96
5) Vinyl chloride	2.287	62	277119	28.819	ug/L	98
6) Bromomethane	2.699	94	181853	28.145	ug/L	100
8) Chloroethane	2.840	64	172724	27.774	ug/L	98
9) Trichlorofluoromethane	3.175	101	223734	28.958	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.963	101	154846	29.832	ug/L	100
12) 1,1-Dichloroethene	3.940	96	143793	28.565	ug/L	94
13) Acetone	4.022	43	32975	52.849	ug/L	97
14) Carbon disulfide	4.275	76	496897	28.261	ug/L	100
15) Methyl Acetate	4.558	43	35286	26.095	ug/L #	60
16) Methylene chloride	4.799	84	165351	21.290	ug/L	98
17) trans-1,2-Dichloroethene	5.310	96	155151	27.488	ug/L	98
18) Methyl tert-butyl Ether	5.316	73	234237	25.871	ug/L	100
19) 1,1-Dichloroethane	6.116	63	224111	27.103	ug/L	97
20) cis-1,2-Dichloroethene	7.081	96	158452	26.549	ug/L	95
22) 2-Butanone	7.087	43	44699	54.951	ug/L	98
23) Bromochloromethane	7.428	128	73073	26.400	ug/L	97
25) Chloroform	7.593	83	246480	26.597	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	125762	26.291	ug/L	98
29) Cyclohexane	7.881	56	186406	31.029	ug/L	98
30) 1,1,1-Trichloroethane	7.793	97	208374	28.064	ug/L	99
31) Carbon tetrachloride	7.987	117	175726	29.500	ug/L	98
33) Benzene	8.252	78	586331	27.622	ug/L	100
34) Trichloroethene	9.028	95	152823	27.839	ug/L	97
35) Methylcyclohexane	9.275	83	262221	30.982	ug/L	98
37) 1,2-Dichloropropane	9.304	63	132419	27.157	ug/L	98
38) Bromodichloromethane	9.587	83	173957	26.459	ug/L	98
39) cis-1,3-Dichloropropene	10.016	75	205817	26.541	ug/L	98
40) 4-Methyl-2-pentanone	10.157	43	97266	54.711	ug/L	99
42) Toluene	10.334	91	660459	28.751	ug/L	100
44) trans-1,3-Dichloropropene	10.551	75	169257	27.170	ug/L	100
45) 1,1,2-Trichloroethane	10.734	97	108167	26.075	ug/L	95
46) Tetrachloroethene	10.810	164	127125	28.234	ug/L	95
48) 2-Hexanone	10.922	43	72111	57.536	ug/L	94
49) Dibromochloromethane	11.075	129	119540	26.470	ug/L	99
50) 1,2-Dibromoethane	11.181	107	101489	27.137	ug/L	98
51) Chlorobenzene	11.610	112	410980	27.348	ug/L	98
52) Ethylbenzene	11.687	91	683888	29.033	ug/L	99
53) m,p-Xylene	11.792	106	274999	29.319	ug/L	97
54) o-Xylene	12.122	106	258243	28.987	ug/L	98
55) Styrene	12.134	104	451763	29.135	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.675	83	110874	26.269	ug/L	98
59) Bromoform	12.298	173	69781	23.418	ug/L	97
60) Isopropylbenzene	12.422	105	665946	25.831	ug/L	100
61) 1,2,3-Trichloropropane	12.728	75	69112	22.628	ug/L	98
62) 1,3,5-Trimethylbenzene	12.904	105	548224	28.518	ug/L	100
63) 1,2,4-Trimethylbenzene	13.216	105	525266	28.345	ug/L	99
64) 1,3-Dichlorobenzene	13.463	146	333218	27.013	ug/L	97
65) 1,4-Dichlorobenzene	13.539	146	339729	26.242	ug/L	99
67) 1,2-Dichlorobenzene	13.834	146	264021	23.968	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.451	75	13873	22.721	ug/L	93
69) 1,3,5-Trichlorobenzene	14.598	180	178444	21.583	ug/L	98
70) 1,2,4-trichlorobenzene	15.104	180	144447	21.082	ug/L	99
71) Naphthalene	15.333	128	270003	21.534	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	130367	21.316	ug/L	98

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

