

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042523\
 Data File : VD075804.D
 Acq On : 25 Apr 2023 10:44
 Operator : KP/SY
 Sample : VSTDCCC025
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025130

Quant Time: Apr 26 02:36:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Apr 22 03:53:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	389761	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	354330	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	172691	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	224660	26.275	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.080%
7) Chloroethane-d5	2.805	69	182491	24.702	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.800%
11) 1,1-Dichloroethene-d2	3.916	65	49825	25.276	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	101.120%
21) 2-Butanone-d5	6.987	46	35576	47.928	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.860%
24) Chloroform-d	7.569	84	242891	24.921	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.680%
26) 1,2-Dichloroethane-d4	8.228	65	103548	24.878	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.520%
32) Benzene-d6	8.199	84	525610	25.451	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.800%
36) 1,2-Dichloropropane-d6	9.210	67	144326	25.248	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.000%
41) Toluene-d8	10.269	98	504865	26.112	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.440%
43) trans-1,3-Dichloroprop...	10.528	79	57342	24.269	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.080%
47) 2-Hexanone-d5	10.881	63	33710	48.978	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.960%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	105749	24.176	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.720%
66) 1,2-Dichlorobenzene-d4	13.816	152	148798	24.360	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.440%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	147683	27.486	ug/L	100
3) Chloromethane	2.146	50	182544	24.371	ug/L	98
5) Vinyl chloride	2.287	62	250312	25.570	ug/L	100
6) Bromomethane	2.699	94	164904	25.069	ug/L	96
8) Chloroethane	2.840	64	155164	24.508	ug/L	99
9) Trichlorofluoromethane	3.181	101	201938	25.673	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	139264	26.354	ug/L	98
12) 1,1-Dichloroethene	3.946	96	131616	25.682	ug/L	88
13) Acetone	4.016	43	30915	48.668	ug/L	99
14) Carbon disulfide	4.275	76	458525	25.616	ug/L	100
15) Methyl Acetate	4.563	43	34445	25.021	ug/L #	61
16) Methylene chloride	4.805	84	160016	20.238	ug/L	96
17) trans-1,2-Dichloroethene	5.316	96	145645	25.346	ug/L	97
18) Methyl tert-butyl Ether	5.316	73	221509	24.031	ug/L	99
19) 1,1-Dichloroethane	6.116	63	216946	25.771	ug/L	98
20) cis-1,2-Dichloroethene	7.081	96	149372	24.583	ug/L	96
22) 2-Butanone	7.087	43	43247	52.223	ug/L	98
23) Bromochloromethane	7.428	128	72588	25.759	ug/L #	93
25) Chloroform	7.593	83	234974	24.906	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	125434	25.757	ug/L	99
29) Cyclohexane	7.881	56	165633	27.306	ug/L	96
30) 1,1,1-Trichloroethane	7.793	97	193472	25.807	ug/L	100
31) Carbon tetrachloride	7.993	117	159689	26.550	ug/L	99
33) Benzene	8.252	78	553881	25.842	ug/L	100
34) Trichloroethene	9.028	95	140908	25.422	ug/L	97
35) Methylcyclohexane	9.275	83	231418	27.080	ug/L	99
37) 1,2-Dichloropropane	9.304	63	129549	26.313	ug/L	99
38) Bromodichloromethane	9.587	83	166845	25.133	ug/L	99
39) cis-1,3-Dichloropropene	10.016	75	195150	24.924	ug/L	98
40) 4-Methyl-2-pentanone	10.157	43	94115	52.431	ug/L	98
42) Toluene	10.334	91	627125	27.038	ug/L	99
44) trans-1,3-Dichloropropene	10.551	75	164225	26.109	ug/L	97
45) 1,1,2-Trichloroethane	10.734	97	104837	25.030	ug/L	97
46) Tetrachloroethene	10.810	164	122036	26.844	ug/L	91
48) 2-Hexanone	10.922	43	66387	52.461	ug/L	96
49) Dibromochloromethane	11.075	129	114779	25.172	ug/L	99
50) 1,2-Dibromoethane	11.181	107	94285	24.968	ug/L	96
51) Chlorobenzene	11.610	112	387800	25.558	ug/L	98
52) Ethylbenzene	11.687	91	633089	26.618	ug/L	100
53) m,p-Xylene	11.792	106	261137	27.574	ug/L	97
54) o-Xylene	12.122	106	238326	26.495	ug/L	97
55) Styrene	12.134	104	424506	27.115	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.675	83	104471	24.514	ug/L	100
59) Bromoform	12.298	173	66342	25.066	ug/L	99
60) Isopropylbenzene	12.422	105	610218	26.649	ug/L	100
61) 1,2,3-Trichloropropane	12.728	75	66476	24.505	ug/L	98
62) 1,3,5-Trimethylbenzene	12.904	105	473295	27.719	ug/L	99
63) 1,2,4-Trimethylbenzene	13.216	105	454175	27.593	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	283458	25.872	ug/L	99
65) 1,4-Dichlorobenzene	13.539	146	290966	25.304	ug/L	98
67) 1,2-Dichlorobenzene	13.834	146	249999	25.551	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.445	75	12626	23.281	ug/L	91
69) 1,3,5-Trichlorobenzene	14.592	180	168077	22.888	ug/L	99
70) 1,2,4-trichlorobenzene	15.104	180	134105	22.036	ug/L	98
71) Naphthalene	15.333	128	251036	22.541	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	123188	22.677	ug/L	100

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

