

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030223\
 Data File : VD075440.D
 Acq On : 02 Mar 2023 13:44
 Operator : KP/SY
 Sample : VSTDCCC025EC
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025103

Quant Time: Mar 03 04:39:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM030123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Mar 03 04:38:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	337819	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.586	117	299969	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	151739	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	155546	18.544	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.160%
7) Chloroethane-d5	2.810	69	146309	20.156	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.640%
11) 1,1-Dichloroethene-d2	3.928	63	166917	21.304	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.200%
21) 2-Butanone-d5	6.987	46	32587	41.923	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.840%
24) Chloroform-d	7.569	84	192286	21.720	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.880%
26) 1,2-Dichloroethane-d4	8.228	65	81224	21.178	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.720%
32) Benzene-d6	8.204	84	383284	21.515	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.080%
36) 1,2-Dichloropropane-d6	9.210	67	111622	22.169	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.680%
41) Toluene-d8	10.269	98	363470	22.365	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.480%
43) trans-1,3-Dichloroprop...	10.528	79	45972	22.343	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.360%
47) 2-Hexanone-d5	10.881	63	31173	42.916	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.840%
56) 1,1,2,2-Tetrachloroeth...	12.657	84	92455	21.952	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.800%
66) 1,2-Dichlorobenzene-d4	13.822	152	114434	21.560	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.240%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	126574	24.354	ug/L	99
3) Chloromethane	2.152	50	171267	19.595	ug/L	97
5) Vinyl chloride	2.287	62	256342	23.321	ug/L	95
6) Bromomethane	2.699	94	172372	33.088	ug/L	100
8) Chloroethane	2.840	64	175941	25.454	ug/L	96
9) Trichlorofluoromethane	3.181	101	205357	24.957	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.975	101	146007	25.686	ug/L	99
12) 1,1-Dichloroethene	3.946	96	122682	24.510	ug/L	95
13) Acetone	4.022	43	43332	49.349	ug/L	62
14) Carbon disulfide	4.275	76	343873	24.569	ug/L	97
15) Methyl Acetate	4.569	43	35475	23.807	ug/L #	81
16) Methylene chloride	4.805	84	161843	22.684	ug/L	97
17) trans-1,2-Dichloroethene	5.316	96	134924	25.147	ug/L	97
18) Methyl tert-butyl Ether	5.310	73	250628	25.135	ug/L	98
19) 1,1-Dichloroethane	6.110	63	229776	25.315	ug/L	95
20) cis-1,2-Dichloroethene	7.081	96	151643	25.019	ug/L	98
22) 2-Butanone	7.081	43	51860	46.543	ug/L	96
23) Bromochloromethane	7.428	128	66836	25.739	ug/L	87
25) Chloroform	7.598	83	250594	25.320	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	133855	25.080	ug/L	100
29) Cyclohexane	7.881	56	170913	26.628	ug/L	98
30) 1,1,1-Trichloroethane	7.798	97	207849	25.769	ug/L	99
31) Carbon tetrachloride	7.998	117	172500	26.927	ug/L	100
33) Benzene	8.251	78	556213	25.801	ug/L	100
34) Trichloroethene	9.028	95	145721	25.883	ug/L	97
35) Methylcyclohexane	9.275	83	233122	26.524	ug/L	99
37) 1,2-Dichloropropane	9.304	63	134558	25.401	ug/L	99
38) Bromodichloromethane	9.587	83	179890	25.671	ug/L	100
39) cis-1,3-Dichloropropene	10.022	75	210682	25.987	ug/L	98
40) 4-Methyl-2-pentanone	10.163	43	105159	51.764	ug/L	99
42) Toluene	10.334	91	625309	26.495	ug/L	100
44) trans-1,3-Dichloropropene	10.557	75	171733	25.711	ug/L	97
45) 1,1,2-Trichloroethane	10.734	97	112245	26.529	ug/L	99
46) Tetrachloroethene	10.810	164	110695	25.659	ug/L	95
48) 2-Hexanone	10.928	43	76975	51.499	ug/L	99
49) Dibromochloromethane	11.075	129	120534	26.079	ug/L	97
50) 1,2-Dibromoethane	11.181	107	99890	26.118	ug/L #	99
51) Chlorobenzene	11.610	112	397251	25.897	ug/L	99
52) Ethylbenzene	11.686	91	670839	26.729	ug/L	99
53) m,p-Xylene	11.798	106	266810	26.982	ug/L	98
54) o-Xylene	12.128	106	250855	26.818	ug/L	96
55) Styrene	12.139	104	449065	27.030	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.681	83	119033	25.705	ug/L	96
59) Bromoform	12.304	173	70389	25.708	ug/L	99
60) Isopropylbenzene	12.428	105	685435	26.859	ug/L	100
61) 1,2,3-Trichloropropane	12.728	75	74466	24.482	ug/L	96
62) 1,3,5-Trimethylbenzene	12.910	105	525510	27.431	ug/L	100
63) 1,2,4-Trimethylbenzene	13.216	105	516412	27.568	ug/L	99
64) 1,3-Dichlorobenzene	13.463	146	292414	25.902	ug/L	95
65) 1,4-Dichlorobenzene	13.545	146	298611	25.714	ug/L	98
67) 1,2-Dichlorobenzene	13.839	146	258594	25.708	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.457	75	15357	25.998	ug/L	89
69) 1,3,5-Trichlorobenzene	14.598	180	180001	25.426	ug/L	100
70) 1,2,4-trichlorobenzene	15.104	180	148522	26.093	ug/L	99
71) Naphthalene	15.339	128	285630	25.301	ug/L	99
72) 1,2,3-Trichlorobenzene	15.527	180	128027	25.518	ug/L	97

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

