

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040623\
 Data File : VD075594.D
 Acq On : 06 Apr 2023 15:44
 Operator : KP/SY
 Sample : VSTDCCC025EC
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025127

Quant Time: Apr 07 01:25:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM033123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Apr 01 00:08:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	329240	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	390982	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	195200	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	203560	26.554	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.200%
7) Chloroethane-d5	2.805	69	189661	27.804	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	111.200%
11) 1,1-Dichloroethene-d2	3.916	63	158771	25.678	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	102.720%
21) 2-Butanone-d5	6.981	46	34610	69.330	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	138.660%#
24) Chloroform-d	7.563	84	212776	27.411	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	109.640%
26) 1,2-Dichloroethane-d4	8.228	65	96668	28.102	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	112.400%
32) Benzene-d6	8.204	84	469371	20.534	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.120%
36) 1,2-Dichloropropane-d6	9.210	67	142137	23.333	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.320%
41) Toluene-d8	10.269	98	534439	24.935	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.720%
43) trans-1,3-Dichloroprop...	10.528	79	64942	25.574	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.280%
47) 2-Hexanone-d5	10.881	63	41235	57.203	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.400%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	130193	28.529	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	114.120%
66) 1,2-Dichlorobenzene-d4	13.816	152	171496	25.612	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.440%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	66280	21.481	ug/L	99
3) Chloromethane	2.146	50	101969	25.254	ug/L	97
5) Vinyl chloride	2.287	62	153474	24.388	ug/L	97
6) Bromomethane	2.699	94	99320	23.132	ug/L	100
8) Chloroethane	2.840	64	113263	25.835	ug/L	98
9) Trichlorofluoromethane	3.175	101	132193	24.159	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	94980	24.987	ug/L	99
12) 1,1-Dichloroethene	3.940	96	77431	24.659	ug/L	95
13) Acetone	4.022	43	31756	60.655	ug/L	98
14) Carbon disulfide	4.275	76	165358	22.011	ug/L	100
15) Methyl Acetate	4.558	43	27077	30.861	ug/L	98
16) Methylene chloride	4.793	84	109977	24.301	ug/L	96
17) trans-1,2-Dichloroethene	5.305	96	83783	25.133	ug/L	94
18) Methyl tert-butyl Ether	5.316	73	190574	30.066	ug/L	99
19) 1,1-Dichloroethane	6.110	63	154535	27.043	ug/L	99
20) cis-1,2-Dichloroethene	7.075	96	107585	27.484	ug/L	100
22) 2-Butanone	7.081	43	40836	65.480	ug/L	98
23) Bromochloromethane	7.422	128	50179	27.187	ug/L	97
25) Chloroform	7.593	83	185600	27.116	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	98010	27.703	ug/L	99
29) Cyclohexane	7.869	56	88559	18.561	ug/L	97
30) 1,1,1-Trichloroethane	7.793	97	146605	19.034	ug/L	99
31) Carbon tetrachloride	7.993	117	117398	18.881	ug/L	98
33) Benzene	8.252	78	387984	19.284	ug/L	100
34) Trichloroethene	9.028	95	96931	17.197	ug/L	94
35) Methylcyclohexane	9.275	83	155713	21.121	ug/L	98
37) 1,2-Dichloropropane	9.304	63	112230	23.711	ug/L	99
38) Bromodichloromethane	9.587	83	162873	24.160	ug/L	99
39) cis-1,3-Dichloropropene	10.016	75	180411	24.039	ug/L	99
40) 4-Methyl-2-pentanone	10.157	43	96508	54.397	ug/L	98
42) Toluene	10.334	91	538174	24.076	ug/L	100
44) trans-1,3-Dichloropropene	10.557	75	158447	24.832	ug/L	97
45) 1,1,2-Trichloroethane	10.734	97	112144	25.818	ug/L	98
46) Tetrachloroethene	10.810	164	102284	23.170	ug/L	99
48) 2-Hexanone	10.922	43	73586	61.543	ug/L	99
49) Dibromochloromethane	11.075	129	127313	27.072	ug/L	99
50) 1,2-Dibromoethane	11.181	107	98485	25.878	ug/L #	98
51) Chlorobenzene	11.610	112	370549	24.614	ug/L	96
52) Ethylbenzene	11.687	91	569603	24.232	ug/L	98
53) m,p-Xylene	11.793	106	232107	25.182	ug/L	97
54) o-Xylene	12.122	106	225647	25.710	ug/L	99
55) Styrene	12.134	104	413241	26.424	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.675	83	121584	27.123	ug/L	97
59) Bromoform	12.298	173	77872	25.795	ug/L	100
60) Isopropylbenzene	12.422	105	590796	22.923	ug/L	100
61) 1,2,3-Trichloropropane	12.728	75	75669	24.492	ug/L	97
62) 1,3,5-Trimethylbenzene	12.904	105	447977	23.044	ug/L	97
63) 1,2,4-Trimethylbenzene	13.216	105	448009	24.099	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	287303	24.618	ug/L	98
65) 1,4-Dichlorobenzene	13.539	146	296498	24.357	ug/L	98
67) 1,2-Dichlorobenzene	13.834	146	265275	25.097	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.445	75	16020	25.748	ug/L	89
69) 1,3,5-Trichlorobenzene	14.598	180	178371	24.784	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	150661	25.858	ug/L	99
71) Naphthalene	15.334	128	301031	27.944	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	136954	26.241	ug/L	98

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

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