

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092123\
 Data File : VD077189.D
 Acq On : 21 Sep 2023 19:05
 Operator : JC/SY
 Sample : VSTDCCC025EC
 Misc : 5.00G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025202

Quant Time: Sep 22 01:34:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 22 01:29:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	334276	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.580	117	335916	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	179917	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	190218	23.094	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.360%
7) Chloroethane-d5	2.799	69	164163	24.236	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.960%
11) 1,1-Dichloroethene-d2	3.910	65	45611	24.377	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	97.520%
21) 2-Butanone-d5	6.987	46	63458	61.155	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.320%
24) Chloroform-d	7.569	84	258005	28.207	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	112.840%
26) 1,2-Dichloroethane-d4	8.228	65	126025	29.070	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	116.280%
32) Benzene-d6	8.198	84	494374	26.646	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.600%
36) 1,2-Dichloropropane-d6	9.210	67	149098	28.023	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	112.080%
41) Toluene-d8	10.269	98	449016	26.438	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.760%
43) trans-1,3-Dichloroprop...	10.528	79	61836	25.507	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.040%
47) 2-Hexanone-d5	10.875	63	51341	60.417	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.840%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	137169	28.919	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	115.680%
66) 1,2-Dichlorobenzene-d4	13.816	152	152847	26.468	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.880%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	90845	21.192	ug/L	97
3) Chloromethane	2.146	50	125298	17.224	ug/L	95
5) Vinyl chloride	2.281	62	168378	19.732	ug/L	99
6) Bromomethane	2.687	94	101105	16.961	ug/L	95
8) Chloroethane	2.834	64	112503	20.090	ug/L	96
9) Trichlorofluoromethane	3.169	101	188672	23.383	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.963	101	110065	22.300	ug/L	99
12) 1,1-Dichloroethene	3.940	96	95286	21.228	ug/L	97
13) Acetone	4.028	43	57434	38.584	ug/L	100
14) Carbon disulfide	4.269	76	253017	17.412	ug/L	98
15) Methyl Acetate	4.557	43	47875	24.045	ug/L #	85
16) Methylene chloride	4.798	84	159666	23.469	ug/L	97
17) trans-1,2-Dichloroethene	5.310	96	103633	21.204	ug/L	97
18) Methyl tert-butyl Ether	5.322	73	248432	23.537	ug/L	99
19) 1,1-Dichloroethane	6.104	63	193694	23.504	ug/L	98
20) cis-1,2-Dichloroethene	7.075	96	125505	22.430	ug/L	98
22) 2-Butanone	7.081	43	72788	40.533	ug/L	98
23) Bromochloromethane	7.428	128	60465	22.643	ug/L	93
25) Chloroform	7.592	83	222216	24.150	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	132634	24.067	ug/L	100
29) Cyclohexane	7.875	56	123018	19.474	ug/L	99
30) 1,1,1-Trichloroethane	7.792	97	180259	22.956	ug/L	98
31) Carbon tetrachloride	7.987	117	140376	21.133	ug/L	98
33) Benzene	8.251	78	451664	22.383	ug/L	100
34) Trichloroethene	9.028	95	116623	21.796	ug/L	97
35) Methylcyclohexane	9.275	83	162172	19.654	ug/L	98
37) 1,2-Dichloropropane	9.304	63	117715	23.129	ug/L	100
38) Bromodichloromethane	9.581	83	163268	23.252	ug/L	99
39) cis-1,3-Dichloropropene	10.016	75	187043	23.115	ug/L	94
40) 4-Methyl-2-pentanone	10.157	43	139576	49.897	ug/L	100
42) Toluene	10.334	91	493465	22.577	ug/L	99
44) trans-1,3-Dichloropropene	10.551	75	163593	23.647	ug/L	94
45) 1,1,2-Trichloroethane	10.733	97	105192	24.424	ug/L	96
46) Tetrachloroethene	10.810	164	90809	20.761	ug/L	98
48) 2-Hexanone	10.922	43	106947	49.578	ug/L	94
49) Dibromochloromethane	11.075	129	120578	23.970	ug/L	93
50) 1,2-Dibromoethane	11.181	107	100300	23.573	ug/L	95
51) Chlorobenzene	11.604	112	328688	22.490	ug/L	97
52) Ethylbenzene	11.680	91	538245	22.755	ug/L	99
53) m,p-Xylene	11.792	106	209475	22.935	ug/L	98
54) o-Xylene	12.122	106	200330	22.723	ug/L	98
55) Styrene	12.133	104	370694	23.528	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.675	83	123922	24.463	ug/L	97
59) Bromoform	12.298	173	76956	23.716	ug/L	100
60) Isopropylbenzene	12.422	105	536221	23.124	ug/L	99
61) 1,2,3-Trichloropropane	12.727	75	84697	24.663	ug/L	98
62) 1,3,5-Trimethylbenzene	12.904	105	413186	23.038	ug/L	99
63) 1,2,4-Trimethylbenzene	13.210	105	412582	23.481	ug/L	100
64) 1,3-Dichlorobenzene	13.457	146	250988	22.719	ug/L	98
65) 1,4-Dichlorobenzene	13.539	146	262316	22.728	ug/L	99
67) 1,2-Dichlorobenzene	13.827	146	227868	22.426	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.445	75	18190	25.326	ug/L	89
69) 1,3,5-Trichlorobenzene	14.592	180	161004	22.115	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	136879	21.967	ug/L	99
71) Naphthalene	15.333	128	301456	24.200	ug/L	99
72) 1,2,3-Trichlorobenzene	15.521	180	129081	22.555	ug/L	100

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

