

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032923\
 Data File : VD075539.D
 Acq On : 29 Mar 2023 18:58
 Operator : KP/SY
 Sample : VSTDCCC025EC
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025115

Quant Time: Mar 30 00:13:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM030123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Mar 29 23:32:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	258527	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	239035	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	128873	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	110575	17.226	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.920%
7) Chloroethane-d5	2.805	69	119601	21.530	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.120%
11) 1,1-Dichloroethene-d2	3.922	63	121836	20.320	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.280%
21) 2-Butanone-d5	6.987	46	30558	51.371	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.740%
24) Chloroform-d	7.569	84	181231	26.749	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.000%
26) 1,2-Dichloroethane-d4	8.234	65	73972	25.202	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.800%
32) Benzene-d6	8.204	84	319407	22.500	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.000%
36) 1,2-Dichloropropane-d6	9.210	67	97100	24.201	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.800%
41) Toluene-d8	10.269	98	297090	22.941	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.760%
43) trans-1,3-Dichloroprop...	10.528	79	40259	24.555	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.200%
47) 2-Hexanone-d5	10.881	63	31068	53.675	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.360%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	99962	29.784	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	119.120%
66) 1,2-Dichlorobenzene-d4	13.816	152	119045	26.408	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.640%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	92813	23.335	ug/L	99
3) Chloromethane	2.146	50	129755	19.399	ug/L	97
5) Vinyl chloride	2.281	62	199525	23.720	ug/L	97
6) Bromomethane	2.693	94	135020	33.868	ug/L	98
8) Chloroethane	2.840	64	138727	26.226	ug/L	96
9) Trichlorofluoromethane	3.175	101	173438	27.543	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	118231	27.179	ug/L	98
12) 1,1-Dichloroethene	3.940	96	98043	25.595	ug/L	94
13) Acetone	4.022	43	30363	45.185	ug/L	92
14) Carbon disulfide	4.269	76	233048	21.758	ug/L	97
15) Methyl Acetate	4.558	43	27702	24.293	ug/L	93
16) Methylene chloride	4.805	84	135591	24.833	ug/L	92
17) trans-1,2-Dichloroethene	5.316	96	105542	25.704	ug/L	95
18) Methyl tert-butyl Ether	5.322	73	210008	27.521	ug/L	97
19) 1,1-Dichloroethane	6.110	63	180009	25.915	ug/L	97
20) cis-1,2-Dichloroethene	7.087	96	125695	27.099	ug/L	90
22) 2-Butanone	7.081	43	38170	44.763	ug/L	92
23) Bromochloromethane	7.428	128	55660	28.009	ug/L	88
25) Chloroform	7.599	83	210570	27.802	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	106385	26.047	ug/L	95
29) Cyclohexane	7.881	56	113899	22.269	ug/L	91
30) 1,1,1-Trichloroethane	7.793	97	177019	27.542	ug/L	97
31) Carbon tetrachloride	7.987	117	142248	27.865	ug/L	98
33) Benzene	8.251	78	445887	25.956	ug/L	100
34) Trichloroethene	9.028	95	118003	26.303	ug/L	98
35) Methylcyclohexane	9.275	83	171233	24.449	ug/L	96
37) 1,2-Dichloropropane	9.304	63	107684	25.510	ug/L #	96
38) Bromodichloromethane	9.581	83	152503	27.310	ug/L	98
39) cis-1,3-Dichloropropene	10.016	75	172402	26.686	ug/L	98
40) 4-Methyl-2-pentanone	10.157	43	81919	50.603	ug/L	98
42) Toluene	10.334	91	518326	27.561	ug/L	100
44) trans-1,3-Dichloropropene	10.557	75	143434	26.948	ug/L	97
45) 1,1,2-Trichloroethane	10.734	97	96224	28.540	ug/L	95
46) Tetrachloroethene	10.810	164	94322	27.437	ug/L	98
48) 2-Hexanone	10.922	43	59613	50.050	ug/L	96
49) Dibromochloromethane	11.075	129	109031	29.604	ug/L	96
50) 1,2-Dibromoethane	11.181	107	86967	28.535	ug/L	97
51) Chlorobenzene	11.610	112	338391	27.683	ug/L	99
52) Ethylbenzene	11.687	91	561890	28.095	ug/L	99
53) m,p-Xylene	11.792	106	224696	28.515	ug/L	96
54) o-Xylene	12.122	106	216782	29.083	ug/L	96
55) Styrene	12.134	104	391266	29.554	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.675	83	107353	29.092	ug/L	99
59) Bromoform	12.298	173	65217	28.045	ug/L	98
60) Isopropylbenzene	12.422	105	588392	27.147	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	67075	25.964	ug/L	94
62) 1,3,5-Trimethylbenzene	12.904	105	449481	27.625	ug/L	100
63) 1,2,4-Trimethylbenzene	13.216	105	434656	27.321	ug/L	100
64) 1,3-Dichlorobenzene	13.463	146	257966	26.905	ug/L	99
65) 1,4-Dichlorobenzene	13.539	146	264570	26.825	ug/L	98
67) 1,2-Dichlorobenzene	13.834	146	233801	27.367	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.451	75	12714	25.343	ug/L #	80
69) 1,3,5-Trichlorobenzene	14.598	180	157512	26.197	ug/L	98
70) 1,2,4-trichlorobenzene	15.104	180	123492	25.545	ug/L	97
71) Naphthalene	15.333	128	246763	25.736	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	114991	26.986	ug/L	98

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

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