

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051123\
 Data File : VD076098.D
 Acq On : 12 May 2023 00:02
 Operator : KP/SY
 Sample : VSTDCCC025EC
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025155

Quant Time: May 12 03:07:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM051123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 12 02:22:21 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	369038	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	348917	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	177624	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	105299	18.653	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.600%
7) Chloroethane-d5	2.793	69	104758	20.212	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.840%
11) 1,1-Dichloroethene-d2	3.911	65	25815	18.164	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.640%
21) 2-Butanone-d5	6.987	46	40458	53.227	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.460%
24) Chloroform-d	7.569	84	178712	23.115	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.480%
26) 1,2-Dichloroethane-d4	8.228	65	80807	23.777	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.120%
32) Benzene-d6	8.199	84	339388	21.575	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.320%
36) 1,2-Dichloropropane-d6	9.204	67	110230	22.742	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.960%
41) Toluene-d8	10.269	98	304407	21.715	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.840%
43) trans-1,3-Dichloroprop...	10.528	79	40347	22.175	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.680%
47) 2-Hexanone-d5	10.875	63	37342	52.608	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.220%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	104354	25.001	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.000%
66) 1,2-Dichlorobenzene-d4	13.816	152	110137	21.706	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.840%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	103366	22.395	ug/L	99
3) Chloromethane	2.146	50	170838	26.037	ug/L	100
5) Vinyl chloride	2.275	62	192300	22.957	ug/L	98
6) Bromomethane	2.687	94	106789	20.551	ug/L	98
8) Chloroethane	2.828	64	131997	24.558	ug/L	95
9) Trichlorofluoromethane	3.170	101	156771	22.861	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.964	101	112581	23.046	ug/L	97
12) 1,1-Dichloroethene	3.934	96	99187	22.654	ug/L #	83
13) Acetone	4.022	43	29496	43.558	ug/L	99
14) Carbon disulfide	4.264	76	329175	24.146	ug/L	99
15) Methyl Acetate	4.564	43	39244	26.945	ug/L #	61
16) Methylene chloride	4.799	84	143324	23.884	ug/L	91
17) trans-1,2-Dichloroethene	5.305	96	115946	24.733	ug/L	93
18) Methyl tert-butyl Ether	5.322	73	216925	26.076	ug/L #	90
19) 1,1-Dichloroethane	6.105	63	202365	25.327	ug/L	97
20) cis-1,2-Dichloroethene	7.081	96	131147	25.236	ug/L	93
22) 2-Butanone	7.081	43	47697	50.415	ug/L	92
23) Bromochloromethane	7.422	128	65644	25.841	ug/L #	93
25) Chloroform	7.593	83	219247	25.699	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	124212	27.628	ug/L	98
29) Cyclohexane	7.875	56	128603	22.220	ug/L	89
30) 1,1,1-Trichloroethane	7.793	97	162088	22.868	ug/L	99
31) Carbon tetrachloride	7.987	117	131331	23.520	ug/L	96
33) Benzene	8.246	78	490671	25.295	ug/L	100
34) Trichloroethene	9.028	95	115940	23.155	ug/L	94
35) Methylcyclohexane	9.269	83	169543	22.349	ug/L	96
37) 1,2-Dichloropropane	9.304	63	128227	25.916	ug/L	100
38) Bromodichloromethane	9.581	83	160636	25.340	ug/L	100
39) cis-1,3-Dichloropropene	10.016	75	173654	24.366	ug/L	99
40) 4-Methyl-2-pentanone	10.157	43	109557	54.936	ug/L	95
42) Toluene	10.334	91	536563	25.910	ug/L	98
44) trans-1,3-Dichloropropene	10.551	75	151159	25.419	ug/L	98
45) 1,1,2-Trichloroethane	10.734	97	104247	26.094	ug/L	97
46) Tetrachloroethene	10.810	164	96463	23.060	ug/L	93
48) 2-Hexanone	10.922	43	76883	53.126	ug/L	93
49) Dibromochloromethane	11.075	129	109893	25.494	ug/L	96
50) 1,2-Dibromoethane	11.181	107	91619	25.967	ug/L	96
51) Chlorobenzene	11.610	112	347374	24.646	ug/L	100
52) Ethylbenzene	11.687	91	538359	25.059	ug/L	97
53) m,p-Xylene	11.793	106	217133	25.918	ug/L	97
54) o-Xylene	12.122	106	204124	25.691	ug/L	98
55) Styrene	12.134	104	380545	27.035	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.675	83	115653	25.858	ug/L	99
59) Bromoform	12.298	173	67438	26.127	ug/L	97
60) Isopropylbenzene	12.422	105	510866	25.331	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	75012	26.255	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	386596	24.985	ug/L	100
63) 1,2,4-Trimethylbenzene	13.216	105	376856	25.466	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	263050	25.122	ug/L	94
65) 1,4-Dichlorobenzene	13.540	146	266412	24.457	ug/L	97
67) 1,2-Dichlorobenzene	13.834	146	234225	24.524	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.445	75	14126	24.646	ug/L	93
69) 1,3,5-Trichlorobenzene	14.592	180	148366	22.299	ug/L	98
70) 1,2,4-trichlorobenzene	15.098	180	121970	23.163	ug/L	99
71) Naphthalene	15.334	128	248959	25.160	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	120392	25.142	ug/L	98

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

