

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030323\
 Data File : VD075442.D
 Acq On : 03 Mar 2023 09:30
 Operator : KP/SY
 Sample : VSTDCCC025
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025104

Quant Time: Mar 03 23:20:23 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	330979	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	293242	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	149550	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.276	65	149454	18.186	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	72.760%		
7) Chloroethane-d5	2.805	69	141124	19.843	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	79.360%		
11) 1,1-Dichloroethene-d2	3.928	63	160324	20.886	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	83.560%		
21) 2-Butanone-d5	6.987	46	30844	40.501	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	81.000%		
24) Chloroform-d	7.569	84	190255	21.934	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	87.720%		
26) 1,2-Dichloroethane-d4	8.234	65	79614	21.187	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	84.760%		
32) Benzene-d6	8.205	84	380087	21.825	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	87.320%		
36) 1,2-Dichloropropane-d6	9.211	67	107033	21.745	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	87.000%		
41) Toluene-d8	10.269	98	347842	21.895	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	87.560%		
43) trans-1,3-Dichloroprop...	10.528	79	43734	21.743	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	86.960%		
47) 2-Hexanone-d5	10.881	63	28755	40.496	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	81.000%		
56) 1,1,2,2-Tetrachloroeth...	12.652	84	89282	21.685	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	86.720%		
66) 1,2-Dichlorobenzene-d4	13.816	152	112335	21.474	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	85.880%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	122202	23.999	ug/L	98
3) Chloromethane	2.152	50	175237	20.464	ug/L	100
5) Vinyl chloride	2.287	62	255178	23.695	ug/L	99
6) Bromomethane	2.699	94	168370	32.988	ug/L	99
8) Chloroethane	2.840	64	173841	25.670	ug/L	96
9) Trichlorofluoromethane	3.181	101	202172	25.078	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.975	101	140570	25.240	ug/L	97
12) 1,1-Dichloroethene	3.940	96	120790	24.631	ug/L	97
13) Acetone	4.023	43	40614	47.210	ug/L	70
14) Carbon disulfide	4.275	76	339477	24.757	ug/L	98
15) Methyl Acetate	4.570	43	34760	23.809	ug/L	97
16) Methylene chloride	4.805	84	141037	20.176	ug/L	99
17) trans-1,2-Dichloroethene	5.317	96	134568	25.599	ug/L	97
18) Methyl tert-butyl Ether	5.322	73	238175	24.380	ug/L	99
19) 1,1-Dichloroethane	6.117	63	227843	25.621	ug/L	97
20) cis-1,2-Dichloroethene	7.081	96	152915	25.751	ug/L	96
22) 2-Butanone	7.081	43	48209	44.161	ug/L	94
23) Bromochloromethane	7.428	128	66760	26.241	ug/L	95
25) Chloroform	7.599	83	252373	26.027	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	131391	25.127	ug/L	97
29) Cyclohexane	7.881	56	158570	25.272	ug/L	98
30) 1,1,1-Trichloroethane	7.793	97	207394	26.303	ug/L	99
31) Carbon tetrachloride	7.993	117	170029	27.150	ug/L	100
33) Benzene	8.252	78	547855	25.996	ug/L	100
34) Trichloroethene	9.028	95	141973	25.796	ug/L	96
35) Methylcyclohexane	9.275	83	221516	25.782	ug/L	100
37) 1,2-Dichloropropane	9.305	63	134779	26.026	ug/L	100
38) Bromodichloromethane	9.587	83	180871	26.403	ug/L	98
39) cis-1,3-Dichloropropene	10.016	75	202426	25.542	ug/L	96
40) 4-Methyl-2-pentanone	10.163	43	98622	49.660	ug/L	98
42) Toluene	10.334	91	627889	27.215	ug/L	99
44) trans-1,3-Dichloropropene	10.557	75	167391	25.635	ug/L	94
45) 1,1,2-Trichloroethane	10.734	97	109172	26.394	ug/L	97
46) Tetrachloroethene	10.810	164	112404	26.653	ug/L	97
48) 2-Hexanone	10.922	43	72930	49.912	ug/L	97
49) Dibromochloromethane	11.075	129	118321	26.188	ug/L	97
50) 1,2-Dibromoethane	11.181	107	97567	26.096	ug/L	98
51) Chlorobenzene	11.610	112	390490	26.040	ug/L	98
52) Ethylbenzene	11.687	91	663004	27.023	ug/L	98
53) m,p-Xylene	11.799	106	262334	27.138	ug/L	96
54) o-Xylene	12.122	106	251826	27.539	ug/L	99
55) Styrene	12.140	104	451100	27.775	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.675	83	116644	25.767	ug/L	96
59) Bromoform	12.304	173	67630	25.062	ug/L	99
60) Isopropylbenzene	12.422	105	675976	26.876	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	74537	24.864	ug/L	99
62) 1,3,5-Trimethylbenzene	12.910	105	512264	27.131	ug/L	100
63) 1,2,4-Trimethylbenzene	13.216	105	506417	27.430	ug/L	99
64) 1,3-Dichlorobenzene	13.463	146	289529	26.022	ug/L	96
65) 1,4-Dichlorobenzene	13.540	146	298627	26.092	ug/L	96
67) 1,2-Dichlorobenzene	13.834	146	256876	25.911	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.451	75	14521	24.943	ug/L	88
69) 1,3,5-Trichlorobenzene	14.598	180	178088	25.524	ug/L	99
70) 1,2,4-trichlorobenzene	15.104	180	139375	24.845	ug/L	99
71) Naphthalene	15.334	128	270666	24.326	ug/L	98
72) 1,2,3-Trichlorobenzene	15.528	180	125560	25.392	ug/L	98

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

