

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092523\
 Data File : VD077215.D
 Acq On : 25 Sep 2023 13:46
 Operator : JC/SY
 Sample : VSTD10074
 Misc : 5.00G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD100174

Quant Time: Sep 25 22:54:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM092523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Sep 25 22:51:27 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	282221	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	291604	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	163870	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	630597	97.671	ug/L	0.00
7) Chloroethane-d5	2.799	69	308062	56.383	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.917	65	190380	124.883	ug/L	0.00
21) 2-Butanone-d5	6.987	46	296478	318.441	ug/L	0.00
24) Chloroform-d	7.569	84	1065661	136.226	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.228	65	526732	141.723	ug/L	0.00
32) Benzene-d6	8.199	84	2110008	132.341	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	650187	138.456	ug/L	0.00
41) Toluene-d8	10.269	98	1936311	134.013	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.528	79	267939	130.473	ug/L	0.00
47) 2-Hexanone-d5	10.881	63	257649	337.098	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.651	84	613544	143.966	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	686916	131.857	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.928	85	415280	117.414	ug/L	98
3) Chloromethane	2.146	50	562532	93.991	ug/L	100
5) Vinyl chloride	2.281	62	716402	103.700	ug/L	100
6) Bromomethane	2.687	94	534546	111.448	ug/L	94
8) Chloroethane	2.834	64	253832	54.563	ug/L	93
9) Trichlorofluoromethane	3.169	101	536417	79.701	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	3.964	101	541873	130.640	ug/L	98
12) 1,1-Dichloroethene	3.934	96	497250	132.808	ug/L	92
13) Acetone	4.016	43	308903	235.839	ug/L	100
14) Carbon disulfide	4.269	76	1275326	108.057	ug/L	100
15) Methyl Acetate	4.552	43	253958	143.029	ug/L	100
16) Methylene chloride	4.799	84	596255	103.333	ug/L	96
17) trans-1,2-Dichloroethene	5.305	96	563106	135.669	ug/L	96
18) Methyl tert-butyl Ether	5.316	73	1396430	152.407	ug/L	99
19) 1,1-Dichloroethane	6.111	63	1002632	140.093	ug/L	98
20) cis-1,2-Dichloroethene	7.081	96	685060	142.267	ug/L	99
22) 2-Butanone	7.075	43	401976	256.694	ug/L	99
23) Bromochloromethane	7.422	128	301808	131.220	ug/L	90
25) Chloroform	7.593	83	1102535	138.493	ug/L	97
27) 1,2-Dichloroethane	8.322	62	648048	135.571	ug/L	98
29) Cyclohexane	7.875	56	726756	136.857	ug/L	98
30) 1,1,1-Trichloroethane	7.793	97	884065	128.740	ug/L	100
31) Carbon tetrachloride	7.993	117	754373	131.289	ug/L	99
33) Benzene	8.252	78	2442604	137.931	ug/L	100
34) Trichloroethene	9.028	95	604913	130.159	ug/L	97
35) Methylcyclohexane	9.275	83	918476	132.133	ug/L	99
37) 1,2-Dichloropropane	9.304	63	631038	138.151	ug/L	99
38) Bromodichloromethane	9.587	83	826265	132.441	ug/L	98
39) cis-1,3-Dichloropropene	10.016	75	1061979	148.652	ug/L	100
40) 4-Methyl-2-pentanone	10.163	43	772357	303.164	ug/L	98
42) Toluene	10.334	91	2726231	141.981	ug/L	98
44) trans-1,3-Dichloropropene	10.551	75	907769	148.049	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.734	97	525335	135.085	ug/L	93
46) Tetrachloroethene	10.810	164	468950	124.103	ug/L	96
48) 2-Hexanone	10.922	43	614465	311.690	ug/L	99
49) Dibromochloromethane	11.075	129	604247	134.879	ug/L	99
50) 1,2-Dibromoethane	11.181	107	511265	136.046	ug/L	92
51) Chlorobenzene	11.610	112	1745961	136.227	ug/L	97
52) Ethylbenzene	11.687	91	3017477	145.705	ug/L	98
53) m,p-Xylene	11.793	106	1157954	144.760	ug/L	95
54) o-Xylene	12.122	106	1162717	150.803	ug/L	98
55) Styrene	12.134	104	2107875	151.780	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.675	83	634976	138.928	ug/L	97
59) Bromoform	12.298	173	386126	128.869	ug/L	100
60) Isopropylbenzene	12.422	105	3039793	143.452	ug/L	100
61) 1,2,3-Trichloropropane	12.728	75	413729	128.042	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	2429310	148.287	ug/L	99
63) 1,2,4-Trimethylbenzene	13.210	105	2421609	150.241	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	1368696	134.574	ug/L	99
65) 1,4-Dichlorobenzene	13.540	146	1389131	130.065	ug/L	98
67) 1,2-Dichlorobenzene	13.834	146	1272673	135.599	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.445	75	89141	132.771	ug/L	93
69) 1,3,5-Trichlorobenzene	14.592	180	928419	137.998	ug/L	98
70) 1,2,4-trichlorobenzene	15.098	180	810866	141.370	ug/L	99
71) Naphthalene	15.334	128	1753071	152.011	ug/L	100
72) 1,2,3-Trichlorobenzene	15.522	180	743829	139.970	ug/L	98

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

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