

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030123\
 Data File : VD075426.D
 Acq On : 01 Mar 2023 14:05
 Operator : KP/SY
 Sample : VSTD00512
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD005112

Quant Time: Mar 02 01:02:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM030123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Mar 02 01:01:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	330147	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	299226	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	144929	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	51414	6.272	ug/L	0.00
7) Chloroethane-d5	2.799	69	43533	6.135	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.922	63	43023	5.619	ug/L	0.00
21) 2-Butanone-d5	6.987	46	9198	12.108	ug/L	0.00
24) Chloroform-d	7.569	84	51901	5.999	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.234	65	23312	6.219	ug/L	0.00
32) Benzene-d6	8.204	84	106008	5.965	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.216	67	29896	5.952	ug/L	0.00
41) Toluene-d8	10.269	98	94068	5.803	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.528	79	11568	5.636	ug/L	0.00
47) 2-Hexanone-d5	10.875	63	8026	11.077	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.651	84	25683	6.113	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	29202	5.760	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	26134	5.145	ug/L	99
3) Chloromethane	2.146	50	46240	5.413	ug/L	95
5) Vinyl chloride	2.281	62	55444	5.161	ug/L	96
6) Bromomethane	2.693	94	23763	4.668	ug/L	91
8) Chloroethane	2.834	64	33719	4.945	ug/L	97
9) Trichlorofluoromethane	3.175	101	41604	5.174	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	27442	4.940	ug/L #	87
12) 1,1-Dichloroethene	3.940	96	24032	4.912	ug/L	92
13) Acetone	4.028	43	9386	10.876	ug/L	97
14) Carbon disulfide	4.275	76	70068	5.123	ug/L	99
15) Methyl Acetate	4.569	43	7991	5.452	ug/L #	65
16) Methylene chloride	4.799	84	39995	5.734	ug/L	89
17) trans-1,2-Dichloroethene	5.316	96	25892	4.938	ug/L	92
18) Methyl tert-butyl Ether	5.322	73	47763	4.901	ug/L #	90
19) 1,1-Dichloroethane	6.116	63	45512	5.131	ug/L	94
20) cis-1,2-Dichloroethene	7.087	96	29091	4.911	ug/L	94
22) 2-Butanone	7.087	43	12067	11.082	ug/L	92
23) Bromochloromethane	7.428	128	13102	5.163	ug/L	97
25) Chloroform	7.593	83	48617	5.026	ug/L	96
27) 1,2-Dichloroethane	8.328	62	27635	5.298	ug/L #	88
29) Cyclohexane	7.881	56	28329	4.425	ug/L	96
30) 1,1,1-Trichloroethane	7.793	97	39176	4.869	ug/L	98
31) Carbon tetrachloride	7.993	117	29898	4.679	ug/L	98
33) Benzene	8.251	78	106306	4.943	ug/L	100
34) Trichloroethene	9.034	95	26903	4.790	ug/L	94
35) Methylcyclohexane	9.275	83	39477	4.506	ug/L	98
37) 1,2-Dichloropropane	9.304	63	26896	5.090	ug/L #	93
38) Bromodichloromethane	9.587	83	35193	5.035	ug/L	99
39) cis-1,3-Dichloropropene	10.016	75	39483	4.882	ug/L	99
40) 4-Methyl-2-pentanone	10.157	43	20298	10.016	ug/L	99
42) Toluene	10.334	91	108158	4.592	ug/L	99
44) trans-1,3-Dichloropropene	10.557	75	32358	4.856	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.734	97	21972	5.206	ug/L	90
46) Tetrachloroethene	10.810	164	20380	4.736	ug/L	95
48) 2-Hexanone	10.928	43	14816	9.937	ug/L	99
49) Dibromochloromethane	11.075	129	22531	4.887	ug/L	96
50) 1,2-Dibromoethane	11.181	107	20210	5.297	ug/L #	95
51) Chlorobenzene	11.610	112	74278	4.854	ug/L	97
52) Ethylbenzene	11.687	91	112510	4.494	ug/L	99
53) m,p-Xylene	11.792	106	44798	4.542	ug/L	90
54) o-Xylene	12.122	106	40085	4.296	ug/L	98
55) Styrene	12.134	104	73628	4.443	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.675	83	24421	5.287	ug/L	96
59) Bromoform	12.298	173	14049	5.372	ug/L	96
60) Isopropylbenzene	12.422	105	110462	4.532	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	15537	5.348	ug/L	98
62) 1,3,5-Trimethylbenzene	12.904	105	76477	4.180	ug/L	96
63) 1,2,4-Trimethylbenzene	13.216	105	75668	4.229	ug/L	100
64) 1,3-Dichlorobenzene	13.457	146	51769	4.801	ug/L	98
65) 1,4-Dichlorobenzene	13.539	146	53748	4.846	ug/L	98
67) 1,2-Dichlorobenzene	13.828	146	46184	4.807	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.445	75	2834	5.023	ug/L #	82
69) 1,3,5-Trichlorobenzene	14.598	180	31821	4.706	ug/L	99
70) 1,2,4-trichlorobenzene	15.104	180	24756	4.554	ug/L	94
71) Naphthalene	15.333	128	48175	4.468	ug/L	98
72) 1,2,3-Trichlorobenzene	15.522	180	22576	4.711	ug/L	96

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

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