

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD033123\
 Data File : VD075556.D
 Acq On : 31 Mar 2023 13:31
 Operator : KP/SY
 Sample : VSTD10021
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD100121

Quant Time: Mar 31 23:57:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM033123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Mar 31 23:54:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	452704	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	441946	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	185351	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	990502	93.972	ug/L	0.00
7) Chloroethane-d5	2.805	69	859887	91.680	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.922	63	835783	98.307	ug/L	0.00
21) 2-Butanone-d5	6.987	46	133312	194.218	ug/L	0.00
24) Chloroform-d	7.569	84	966950	90.596	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.228	65	450964	95.344	ug/L	0.00
32) Benzene-d6	8.204	84	2363255	91.467	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	654548	95.060	ug/L	0.00
41) Toluene-d8	10.269	98	2486936	102.651	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.528	79	286831	99.927	ug/L	0.00
47) 2-Hexanone-d5	10.881	63	169795	208.385	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.651	84	431276	83.608	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	663085	104.290	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	329410	77.642	ug/L	98
3) Chloromethane	2.152	50	415292	74.801	ug/L	96
5) Vinyl chloride	2.287	62	687571	79.463	ug/L	98
6) Bromomethane	2.693	94	501246	84.902	ug/L	98
8) Chloroethane	2.840	64	476689	79.078	ug/L	97
9) Trichlorofluoromethane	3.181	101	618383	82.193	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	446930	85.512	ug/L	99
12) 1,1-Dichloroethene	3.940	96	395289	91.552	ug/L	88
13) Acetone	4.022	43	115163	159.974	ug/L	96
14) Carbon disulfide	4.275	76	804147	77.847	ug/L	99
15) Methyl Acetate	4.558	43	102057	84.597	ug/L	99
16) Methylene chloride	4.805	84	419463	67.408	ug/L	98
17) trans-1,2-Dichloroethene	5.310	96	413554	90.222	ug/L	97
18) Methyl tert-butyl Ether	5.316	73	868967	99.705	ug/L	99
19) 1,1-Dichloroethane	6.116	63	668783	85.116	ug/L	100
20) cis-1,2-Dichloroethene	7.081	96	515061	95.694	ug/L	98
22) 2-Butanone	7.081	43	153051	178.478	ug/L	99
23) Bromochloromethane	7.428	128	218384	86.052	ug/L	96
25) Chloroform	7.593	83	822025	87.342	ug/L	99
27) 1,2-Dichloroethane	8.328	62	434801	89.380	ug/L	99
29) Cyclohexane	7.881	56	450285	83.490	ug/L	98
30) 1,1,1-Trichloroethane	7.793	97	669175	76.862	ug/L	98
31) Carbon tetrachloride	7.993	117	551408	78.456	ug/L	100
33) Benzene	8.252	78	1948361	85.674	ug/L	100
34) Trichloroethene	9.028	95	554867	87.089	ug/L	95
35) Methylcyclohexane	9.275	83	804596	96.549	ug/L	97
37) 1,2-Dichloropropane	9.304	63	494282	92.384	ug/L	99
38) Bromodichloromethane	9.587	83	702851	92.235	ug/L	99
39) cis-1,3-Dichloropropene	10.016	75	847405	99.893	ug/L	99
40) 4-Methyl-2-pentanone	10.163	43	391086	195.017	ug/L	96
42) Toluene	10.334	91	2404947	95.181	ug/L	98
44) trans-1,3-Dichloropropene	10.557	75	681384	94.472	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.734	97	446831	91.007	ug/L	96
46) Tetrachloroethene	10.810	164	474040	95.001	ug/L	96
48) 2-Hexanone	10.922	43	280543	207.574	ug/L	99
49) Dibromochloromethane	11.075	129	521025	98.014	ug/L	99
50) 1,2-Dibromoethane	11.181	107	402916	93.661	ug/L	97
51) Chlorobenzene	11.610	112	1622860	95.367	ug/L	97
52) Ethylbenzene	11.687	91	2626093	98.836	ug/L	98
53) m,p-Xylene	11.798	106	1059317	101.674	ug/L	99
54) o-Xylene	12.122	106	1032665	104.091	ug/L	98
55) Styrene	12.140	104	1793374	101.449	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.675	83	404815	79.892	ug/L	95
59) Bromoform	12.304	173	265526	92.630	ug/L	98
60) Isopropylbenzene	12.422	105	2434902	99.494	ug/L	100
61) 1,2,3-Trichloropropane	12.728	75	246072	83.877	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	1919069	103.961	ug/L	98
63) 1,2,4-Trimethylbenzene	13.216	105	1878989	106.446	ug/L	100
64) 1,3-Dichlorobenzene	13.463	146	1107302	99.923	ug/L	99
65) 1,4-Dichlorobenzene	13.539	146	1105952	95.681	ug/L	98
67) 1,2-Dichlorobenzene	13.834	146	1003996	100.033	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.451	75	50061	84.736	ug/L	91
69) 1,3,5-Trichlorobenzene	14.598	180	713294	104.375	ug/L	99
70) 1,2,4-trichlorobenzene	15.104	180	587110	106.120	ug/L	99
71) Naphthalene	15.333	128	1164411	113.835	ug/L	99
72) 1,2,3-Trichlorobenzene	15.528	180	517512	104.427	ug/L	99

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

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