

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061523\
 Data File : VD076434.D
 Acq On : 15 Jun 2023 12:08
 Operator : KP/SY
 Sample : VSTD05055
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD050155

Quant Time: Jun 16 01:15:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 16 01:13:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	268495	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	239651	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	119295	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	306271	46.840	ug/L	0.00
7) Chloroethane-d5	2.793	69	245141	46.314	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.917	65	79942	46.838	ug/L	0.00
21) 2-Butanone-d5	6.981	46	98973	93.476	ug/L	0.00
24) Chloroform-d	7.563	84	340924	48.195	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.228	65	170915	48.977	ug/L	0.00
32) Benzene-d6	8.199	84	716853	48.899	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	222610	47.572	ug/L	0.00
41) Toluene-d8	10.269	98	666794	49.122	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.522	79	97074	49.876	ug/L	0.00
47) 2-Hexanone-d5	10.875	63	71448	98.362	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.651	84	165981	49.857	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	207933	47.553	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.928	85	205270	49.063	ug/L	98
3) Chloromethane	2.146	50	331364	47.643	ug/L	98
5) Vinyl chloride	2.281	62	368029	49.051	ug/L	97
6) Bromomethane	2.687	94	215774	51.921	ug/L	98
8) Chloroethane	2.828	64	224717	48.894	ug/L	100
9) Trichlorofluoromethane	3.170	101	268414	49.477	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.958	101	170113	48.342	ug/L	98
12) 1,1-Dichloroethene	3.934	96	169877	48.563	ug/L	99
13) Acetone	4.017	43	70364	87.706	ug/L	92
14) Carbon disulfide	4.270	76	624802	49.464	ug/L	99
15) Methyl Acetate	4.558	43	88976	46.120	ug/L	98
16) Methylene chloride	4.793	84	197156	42.185	ug/L	94
17) trans-1,2-Dichloroethene	5.311	96	194427	49.853	ug/L	98
18) Methyl tert-butyl Ether	5.317	73	439061	49.642	ug/L #	91
19) 1,1-Dichloroethane	6.111	63	347743	48.960	ug/L	96
20) cis-1,2-Dichloroethene	7.075	96	216936	49.829	ug/L	99
22) 2-Butanone	7.081	43	119428	87.419	ug/L	98
23) Bromochloromethane	7.422	128	92542	50.256	ug/L	93
25) Chloroform	7.593	83	337727	48.722	ug/L	96
27) 1,2-Dichloroethane	8.322	62	210563	49.395	ug/L	99
29) Cyclohexane	7.869	56	312466	49.031	ug/L	99
30) 1,1,1-Trichloroethane	7.793	97	276127	49.598	ug/L	100
31) Carbon tetrachloride	7.987	117	230655	51.804	ug/L	99
33) Benzene	8.252	78	795181	50.134	ug/L	100
34) Trichloroethene	9.028	95	202636	49.734	ug/L	97
35) Methylcyclohexane	9.275	83	328179	49.949	ug/L	99
37) 1,2-Dichloropropane	9.305	63	213716	49.423	ug/L	99
38) Bromodichloromethane	9.587	83	250845	50.860	ug/L	100
39) cis-1,3-Dichloropropene	10.016	75	334120	50.601	ug/L	99
40) 4-Methyl-2-pentanone	10.157	43	265784	98.801	ug/L	99
42) Toluene	10.334	91	855012	50.444	ug/L	98
44) trans-1,3-Dichloropropene	10.552	75	275357	51.304	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.734	97	146215	49.296	ug/L	95
46) Tetrachloroethene	10.810	164	159846	49.903	ug/L	92
48) 2-Hexanone	10.922	43	187919	101.998	ug/L	96
49) Dibromochloromethane	11.075	129	172267	51.106	ug/L	97
50) 1,2-Dibromoethane	11.181	107	143707	49.919	ug/L	86
51) Chlorobenzene	11.604	112	535299	50.585	ug/L	98
52) Ethylbenzene	11.687	91	925834	50.678	ug/L	100
53) m,p-Xylene	11.793	106	354865	49.427	ug/L	100
54) o-Xylene	12.122	106	345697	50.570	ug/L	97
55) Styrene	12.134	104	601336	50.916	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.675	83	170808	50.389	ug/L	99
59) Bromoform	12.299	173	105954	49.614	ug/L #	98
60) Isopropylbenzene	12.422	105	896953	49.157	ug/L	100
61) 1,2,3-Trichloropropane	12.728	75	112509	48.596	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	718495	49.216	ug/L	100
63) 1,2,4-Trimethylbenzene	13.216	105	713860	49.553	ug/L	100
64) 1,3-Dichlorobenzene	13.457	146	392272	48.323	ug/L	98
65) 1,4-Dichlorobenzene	13.540	146	395588	48.344	ug/L	99
67) 1,2-Dichlorobenzene	13.834	146	353307	48.855	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.445	75	24077	46.706	ug/L	93
69) 1,3,5-Trichlorobenzene	14.593	180	274563	50.708	ug/L	97
70) 1,2,4-trichlorobenzene	15.104	180	233727	48.515	ug/L	100
71) Naphthalene	15.334	128	453946	49.215	ug/L	100
72) 1,2,3-Trichlorobenzene	15.522	180	201615	48.191	ug/L	97

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

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