

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121124\
 Data File : VD080126.D
 Acq On : 11 Dec 2024 11:20
 Operator : RP/MD
 Sample : VSTD10060
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD100860

Quant Time: Dec 12 00:22:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM121124SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 12 00:19:44 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	234660	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	212105	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	113183	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	341664	91.355	ug/L	0.00
7) Chloroethane-d5	2.793	69	322311	96.645	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.917	65	151385	105.267	ug/L	0.00
21) 2-Butanone-d5	6.987	46	181520	230.355	ug/L	0.00
24) Chloroform-d	7.563	84	636508	98.240	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.228	65	341617	99.637	ug/L	0.00
32) Benzene-d6	8.199	84	1248972	99.096	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	407257	95.165	ug/L	0.00
41) Toluene-d8	10.269	98	1178382	98.962	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.522	79	175972	100.429	ug/L	0.00
47) 2-Hexanone-d5	10.875	63	158789	245.339	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.651	84	410528	112.099	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	426043	104.256	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	517834	119.716	ug/L	100
3) Chloromethane	2.152	50	353097	103.867	ug/L	96
5) Vinyl chloride	2.281	62	498021	105.961	ug/L	99
6) Bromomethane	2.681	94	353895	112.980	ug/L	98
8) Chloroethane	2.828	64	329557	105.182	ug/L	95
9) Trichlorofluoromethane	3.164	101	741455	108.103	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.958	101	439708	108.167	ug/L	98
12) 1,1-Dichloroethene	3.934	96	419055	118.096	ug/L	93
13) Acetone	4.022	43	277660	195.897	ug/L	100
14) Carbon disulfide	4.264	76	1271848	110.482	ug/L	99
15) Methyl Acetate	4.564	43	174923	102.928	ug/L	98
16) Methylene chloride	4.799	84	382271	94.829	ug/L	91
17) trans-1,2-Dichloroethene	5.311	96	372007	103.301	ug/L	98
18) Methyl tert-butyl Ether	5.316	73	865094	111.922	ug/L #	98
19) 1,1-Dichloroethane	6.105	63	734318	107.176	ug/L	97
20) cis-1,2-Dichloroethene	7.075	96	420866	109.012	ug/L	97
22) 2-Butanone	7.081	43	304157	215.839	ug/L	100
23) Bromochloromethane	7.428	128	183366	97.441	ug/L	97
25) Chloroform	7.599	83	721929	93.192	ug/L	98
27) 1,2-Dichloroethane	8.328	62	453923	102.458	ug/L	98
29) Cyclohexane	7.875	56	618702	122.550	ug/L	99
30) 1,1,1-Trichloroethane	7.793	97	578511	94.183	ug/L	100
31) Carbon tetrachloride	7.993	117	504956	99.183	ug/L	99
33) Benzene	8.252	78	1594556	104.087	ug/L	100
34) Trichloroethene	9.028	95	449066	107.854	ug/L	97
35) Methylcyclohexane	9.275	83	657098	106.837	ug/L	99
37) 1,2-Dichloropropane	9.304	63	425467	96.931	ug/L	99
38) Bromodichloromethane	9.581	83	524673	94.805	ug/L	99
39) cis-1,3-Dichloropropene	10.016	75	674513	107.681	ug/L	99
40) 4-Methyl-2-pentanone	10.157	43	527977	217.545	ug/L	98
42) Toluene	10.334	91	1743445	104.900	ug/L	98
44) trans-1,3-Dichloropropene	10.551	75	577626	111.941	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.734	97	315897	100.069	ug/L	98
46) Tetrachloroethene	10.810	164	311839	108.142	ug/L	97
48) 2-Hexanone	10.922	43	454225	234.639	ug/L	97
49) Dibromochloromethane	11.075	129	359051	104.775	ug/L	99
50) 1,2-Dibromoethane	11.181	107	292159	104.375	ug/L	99
51) Chlorobenzene	11.604	112	1053710	105.927	ug/L	99
52) Ethylbenzene	11.681	91	1933751	117.168	ug/L	96
53) m,p-Xylene	11.793	106	724983	114.895	ug/L	100
54) o-Xylene	12.122	106	727963	120.248	ug/L	93
55) Styrene	12.134	104	1302428	118.861	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.669	83	441491	109.769	ug/L	99
59) Bromoform	12.298	173	226483	104.031	ug/L	99
60) Isopropylbenzene	12.422	105	1930867	119.856	ug/L	100
61) 1,2,3-Trichloropropane	12.722	75	302586	108.397	ug/L	100
62) 1,3,5-Trimethylbenzene	12.904	105	1849265	137.685	ug/L	99
63) 1,2,4-Trimethylbenzene	13.210	105	1622953	127.003	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	862283	110.039	ug/L	99
65) 1,4-Dichlorobenzene	13.534	146	888634	105.194	ug/L	99
67) 1,2-Dichlorobenzene	13.828	146	808980	106.912	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.445	75	59255	105.268	ug/L	99
69) 1,3,5-Trichlorobenzene	14.592	180	597507	110.382	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	505216	116.755	ug/L	100
71) Naphthalene	15.328	128	1019314	123.993	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	464936	106.761	ug/L	98

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

