

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120524\
 Data File : VD080104.D
 Acq On : 05 Dec 2024 12:08
 Operator : RP/MD
 Sample : VSTD10054
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD100854

Quant Time: Dec 06 00:47:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM120524SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 06 00:46:05 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	283024	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	280565	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	150533	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	508771	100.445	ug/L	0.00
7) Chloroethane-d5	2.793	69	411912	104.257	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.911	65	178674	107.404	ug/L	0.00
21) 2-Butanone-d5	6.993	46	201649	218.795	ug/L	0.00
24) Chloroform-d	7.569	84	811545	103.324	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.228	65	422227	99.566	ug/L	0.00
32) Benzene-d6	8.204	84	1657403	99.673	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	520177	99.813	ug/L	0.00
41) Toluene-d8	10.269	98	1596188	99.720	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.522	79	234206	103.388	ug/L	0.00
47) 2-Hexanone-d5	10.875	63	176963	218.761	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.651	84	421705	94.250	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	549672	101.671	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	511575	107.821	ug/L	98
3) Chloromethane	2.146	50	481126	108.325	ug/L	95
5) Vinyl chloride	2.275	62	614469	106.226	ug/L	98
6) Bromomethane	2.681	94	382047	132.095	ug/L	95
8) Chloroethane	2.828	64	367521	111.244	ug/L	99
9) Trichlorofluoromethane	3.169	101	723562	104.230	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.958	101	414331	102.159	ug/L	99
12) 1,1-Dichloroethene	3.934	96	412844	113.481	ug/L	95
13) Acetone	4.028	43	280398	206.015	ug/L	95
14) Carbon disulfide	4.263	76	1425276	106.246	ug/L	98
15) Methyl Acetate	4.563	43	185212	108.525	ug/L	# 81
16) Methylene chloride	4.799	84	450818	105.325	ug/L	96
17) trans-1,2-Dichloroethene	5.310	96	451820	110.919	ug/L	93
18) Methyl tert-butyl Ether	5.316	73	989729	119.622	ug/L	98
19) 1,1-Dichloroethane	6.110	63	783284	107.031	ug/L	98
20) cis-1,2-Dichloroethene	7.081	96	500306	112.768	ug/L	99
22) 2-Butanone	7.081	43	333057	230.555	ug/L	100
23) Bromochloromethane	7.428	128	216503	107.410	ug/L	94
25) Chloroform	7.593	83	825216	103.161	ug/L	99
27) 1,2-Dichloroethane	8.328	62	504139	104.917	ug/L	97
29) Cyclohexane	7.881	56	707758	112.172	ug/L	97
30) 1,1,1-Trichloroethane	7.793	97	668976	102.106	ug/L	99
31) Carbon tetrachloride	7.993	117	591135	100.321	ug/L	99
33) Benzene	8.252	78	1860665	104.617	ug/L	100
34) Trichloroethene	9.028	95	471623	108.084	ug/L	94
35) Methylcyclohexane	9.275	83	761447	105.425	ug/L	100
37) 1,2-Dichloropropane	9.304	63	474666	100.083	ug/L	99
38) Bromodichloromethane	9.587	83	596739	103.489	ug/L	98
39) cis-1,3-Dichloropropene	10.016	75	783679	112.553	ug/L	100
40) 4-Methyl-2-pentanone	10.157	43	559624	221.997	ug/L	99
42) Toluene	10.334	91	2033033	103.565	ug/L	98
44) trans-1,3-Dichloropropene	10.551	75	662237	108.262	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.734	97	357958	102.716	ug/L	98
46) Tetrachloroethene	10.810	164	375542	102.123	ug/L	95
48) 2-Hexanone	10.922	43	491216	215.357	ug/L	99
49) Dibromochloromethane	11.075	129	410769	103.154	ug/L	96
50) 1,2-Dibromoethane	11.181	107	338457	101.921	ug/L	99
51) Chlorobenzene	11.604	112	1262567	105.355	ug/L	97
52) Ethylbenzene	11.681	91	2239234	106.386	ug/L	99
53) m,p-Xylene	11.792	106	853121	106.364	ug/L	94
54) o-Xylene	12.122	106	845699	109.750	ug/L	98
55) Styrene	12.134	104	1510403	109.686	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.675	83	426374	102.055	ug/L	99
59) Bromoform	12.298	173	262718	102.479	ug/L	100
60) Isopropylbenzene	12.422	105	2225476	109.304	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	287845	101.171	ug/L	98
62) 1,3,5-Trimethylbenzene	12.904	105	1829167	113.071	ug/L	100
63) 1,2,4-Trimethylbenzene	13.210	105	1808878	112.386	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	1008206	104.132	ug/L	99
65) 1,4-Dichlorobenzene	13.539	146	1022469	103.349	ug/L	98
67) 1,2-Dichlorobenzene	13.828	146	933966	106.372	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.445	75	65368	103.333	ug/L	94
69) 1,3,5-Trichlorobenzene	14.592	180	707920	106.621	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	604353	109.286	ug/L	99
71) Naphthalene	15.328	128	1179164	119.269	ug/L	100
72) 1,2,3-Trichlorobenzene	15.522	180	550342	109.358	ug/L	99

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

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