

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121324\
 Data File : VD080164.D
 Acq On : 13 Dec 2024 11:54
 Operator : RP/MD
 Sample : VSTD10066
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD100866

Quant Time: Dec 13 22:47:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM121324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 13 22:44:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	218918	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	220706	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	116415	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	777309	96.840	ug/L	0.00
7) Chloroethane-d5	2.799	69	598067	94.634	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.917	65	174661	101.091	ug/L	0.00
21) 2-Butanone-d5	6.987	46	167441	201.204	ug/L	-0.01
24) Chloroform-d	7.569	84	712916	100.042	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.228	65	383813	95.098	ug/L	0.00
32) Benzene-d6	8.205	84	1462811	95.323	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	456754	93.478	ug/L	0.00
41) Toluene-d8	10.269	98	1381896	102.953	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.522	79	198404	99.567	ug/L	0.00
47) 2-Hexanone-d5	10.875	63	146289	216.859	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.645	84	344378	92.043	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	446271	98.170	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	327985	95.299	ug/L	99
3) Chloromethane	2.152	50	552257	91.185	ug/L	99
5) Vinyl chloride	2.281	62	700380	93.747	ug/L	98
6) Bromomethane	2.687	94	425045	96.908	ug/L	97
8) Chloroethane	2.834	64	434350	90.937	ug/L	95
9) Trichlorofluoromethane	3.175	101	523543	90.279	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.964	101	310829	101.359	ug/L	99
12) 1,1-Dichloroethene	3.940	96	304782	99.339	ug/L	100
13) Acetone	4.022	43	254487	177.211	ug/L	99
14) Carbon disulfide	4.269	76	1070017	92.575	ug/L	99
15) Methyl Acetate	4.569	43	140019	89.637	ug/L	99
16) Methylene chloride	4.805	84	333637	86.476	ug/L	98
17) trans-1,2-Dichloroethene	5.316	96	330999	97.603	ug/L	99
18) Methyl tert-butyl Ether	5.322	73	722968	106.931	ug/L	# 90
19) 1,1-Dichloroethane	6.116	63	599777	91.907	ug/L	99
20) cis-1,2-Dichloroethene	7.081	96	369108	101.493	ug/L	93
22) 2-Butanone	7.081	43	292700	200.350	ug/L	100
23) Bromochloromethane	7.428	128	157074	92.887	ug/L	95
25) Chloroform	7.599	83	630788	86.849	ug/L	100
27) 1,2-Dichloroethane	8.322	62	397057	92.302	ug/L	99
29) Cyclohexane	7.881	56	550602	105.839	ug/L	98
30) 1,1,1-Trichloroethane	7.793	97	499786	86.808	ug/L	99
31) Carbon tetrachloride	7.993	117	440232	90.044	ug/L	99
33) Benzene	8.252	78	1415862	92.528	ug/L	100
34) Trichloroethene	9.028	95	348100	89.764	ug/L	94
35) Methylcyclohexane	9.275	83	600014	103.626	ug/L	98
37) 1,2-Dichloropropane	9.304	63	366932	88.599	ug/L	98
38) Bromodichloromethane	9.581	83	451790	88.906	ug/L	98
39) cis-1,3-Dichloropropene	10.016	75	591388	101.408	ug/L	99
40) 4-Methyl-2-pentanone	10.157	43	424377	194.694	ug/L	99
42) Toluene	10.334	91	1534947	97.270	ug/L	97
44) trans-1,3-Dichloropropene	10.551	75	503838	99.573	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.734	97	260456	89.197	ug/L	97
46) Tetrachloroethene	10.810	164	272301	91.862	ug/L	96
48) 2-Hexanone	10.922	43	418747	200.292	ug/L	95
49) Dibromochloromethane	11.075	129	293632	89.353	ug/L	93
50) 1,2-Dibromoethane	11.175	107	242586	89.722	ug/L	98
51) Chlorobenzene	11.604	112	924091	92.911	ug/L	97
52) Ethylbenzene	11.681	91	1684860	100.555	ug/L	99
53) m,p-Xylene	11.793	106	634340	100.857	ug/L	100
54) o-Xylene	12.116	106	632081	106.953	ug/L	100
55) Styrene	12.134	104	1131342	106.419	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.669	83	311674	91.281	ug/L	97
59) Bromoform	12.298	173	178798	87.448	ug/L	97
60) Isopropylbenzene	12.416	105	1681399	102.367	ug/L	99
61) 1,2,3-Trichloropropane	12.722	75	211087	86.134	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	1382310	105.720	ug/L	100
63) 1,2,4-Trimethylbenzene	13.210	105	1359642	105.889	ug/L	100
64) 1,3-Dichlorobenzene	13.457	146	733221	93.952	ug/L	98
65) 1,4-Dichlorobenzene	13.534	146	758063	91.202	ug/L	98
67) 1,2-Dichlorobenzene	13.828	146	681610	95.279	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.445	75	46092	81.540	ug/L #	84
69) 1,3,5-Trichlorobenzene	14.592	180	506769	101.691	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	434662	101.752	ug/L	99
71) Naphthalene	15.328	128	812168	104.615	ug/L	100
72) 1,2,3-Trichlorobenzene	15.522	180	381282	97.269	ug/L	98

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

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