

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010925\
 Data File : VD080192.D
 Acq On : 09 Jan 2025 12:22
 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: Jan 09 19:49:18 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM010925SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jan 09 19:44:54 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 01/10/2025
 Supervised By :Semsettin Yesilyurt 01/10/2025

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	279552	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	270956	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	147613	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	731493	89.219	ug/L	0.00
7) Chloroethane-d5	2.805	69	594674	89.252	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.922	65	189372	95.564	ug/L	0.00
21) 2-Butanone-d5	6.993	46	182938	197.612	ug/L	0.00
24) Chloroform-d	7.575	84	819983	93.472	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.234	65	424557	92.395	ug/L	0.00
32) Benzene-d6	8.205	84	1606944	91.864	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	511667	88.378	ug/L	0.00
41) Toluene-d8	10.269	98	1548364	97.124	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.528	79	221213	93.517	ug/L	0.00
47) 2-Hexanone-d5	10.881	63	160880	222.972	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.651	84	395265	91.110	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	517671	93.290	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	452034	81.472	ug/L	99
3) Chloromethane	2.152	50	634771	83.922	ug/L	98
5) Vinyl chloride	2.287	62	813038	87.602	ug/L	98
6) Bromomethane	2.693	94	485334	89.793	ug/L	97
8) Chloroethane	2.840	64	488740	85.848	ug/L	100
9) Trichlorofluoromethane	3.181	101	660899	85.703	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.975	101	383699	87.207	ug/L	99
12) 1,1-Dichloroethene	3.946	96	370260	94.278	ug/L	94
13) Acetone	4.034	43	123607	164.757	ug/L	88
14) Carbon disulfide	4.281	76	1313003	89.702	ug/L	100
15) Methyl Acetate	4.569	43	169960m	92.123	ug/L	
16) Methylene chloride	4.805	84	415516	87.556	ug/L	98
17) trans-1,2-Dichloroethene	5.322	96	409732	95.356	ug/L	98
18) Methyl tert-butyl Ether	5.328	73	878713	107.951	ug/L	98
19) 1,1-Dichloroethane	6.116	63	749649	90.889	ug/L	98
20) cis-1,2-Dichloroethene	7.087	96	459950	102.373	ug/L	92
22) 2-Butanone	7.087	43	208622	195.357	ug/L	99
23) Bromochloromethane	7.434	128	202659	93.061	ug/L	96
25) Chloroform	7.599	83	795886	87.068	ug/L	100
27) 1,2-Dichloroethane	8.328	62	482605	90.504	ug/L	98
29) Cyclohexane	7.881	56	703053	103.129	ug/L	99
30) 1,1,1-Trichloroethane	7.799	97	635172	88.482	ug/L	99
31) Carbon tetrachloride	7.999	117	553307	87.329	ug/L	99
33) Benzene	8.258	78	1727457	93.758	ug/L	100
34) Trichloroethene	9.034	95	441712	92.568	ug/L	100
35) Methylcyclohexane	9.275	83	714098	100.639	ug/L	97
37) 1,2-Dichloropropane	9.310	63	455861	90.813	ug/L	99
38) Bromodichloromethane	9.587	83	571514	90.811	ug/L	100
39) cis-1,3-Dichloropropene	10.022	75	727290	102.508	ug/L	99
40) 4-Methyl-2-pentanone	10.163	43	486550	197.453	ug/L	98
42) Toluene	10.334	91	1910071	99.224	ug/L	100
44) trans-1,3-Dichloropropene	10.557	75	618872	101.006	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.734	97	331753	90.517	ug/L	97
46) Tetrachloroethene	10.810	164	347303	90.329	ug/L	96
48) 2-Hexanone	10.922	43	349257	212.692	ug/L	97
49) Dibromochloromethane	11.075	129	379855	93.062	ug/L	96
50) 1,2-Dibromoethane	11.181	107	315230	94.637	ug/L	97
51) Chlorobenzene	11.610	112	1162743	94.221	ug/L	98
52) Ethylbenzene	11.687	91	2126157	102.934	ug/L	100
53) m,p-Xylene	11.793	106	793697	102.815	ug/L	99
54) o-Xylene	12.122	106	792087	109.684	ug/L	97
55) Styrene	12.140	104	1404206	107.359	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.675	83	388190	93.431	ug/L	93
59) Bromoform	12.304	173	237873	89.811	ug/L	100
60) Isopropylbenzene	12.422	105	2092111	101.622	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	265216	84.966	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	1742456	106.208	ug/L	99
63) 1,2,4-Trimethylbenzene	13.216	105	1721469	107.563	ug/L	100
64) 1,3-Dichlorobenzene	13.457	146	932145	92.562	ug/L	99
65) 1,4-Dichlorobenzene	13.540	146	950633	91.424	ug/L	99
67) 1,2-Dichlorobenzene	13.834	146	860781	95.426	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.451	75	57492	84.319	ug/L #	86
69) 1,3,5-Trichlorobenzene	14.598	180	657619	96.030	ug/L	99
70) 1,2,4-trichlorobenzene	15.104	180	561710	100.520	ug/L	98
71) Naphthalene	15.334	128	1054753	107.277	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	500678	96.468	ug/L	98

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

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