

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD090123\
 Data File : VD077080.D
 Acq On : 01 Sep 2023 11:19
 Operator : JC/SY
 Sample : VSTD02566
 Misc : 5.00G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025166

Quant Time: Sep 02 01:22:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Sep 02 01:20:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	293333	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	293063	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	159370	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	212764	24.965	ug/L	0.00
7) Chloroethane-d5	2.799	69	174292	22.762	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.917	65	48538	24.494	ug/L	0.00
21) 2-Butanone-d5	6.987	46	51964	41.043	ug/L	0.00
24) Chloroform-d	7.569	84	229123	23.506	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.228	65	110651	22.923	ug/L	0.00
32) Benzene-d6	8.199	84	472178	24.860	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	133575	23.282	ug/L	0.00
41) Toluene-d8	10.269	98	437511	25.161	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.522	79	62023	23.690	ug/L	0.00
47) 2-Hexanone-d5	10.875	63	43655	41.488	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.651	84	119213	21.894	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	142235	23.992	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.928	85	103546	21.426	ug/L	100
3) Chloromethane	2.146	50	155261	24.565	ug/L	100
5) Vinyl chloride	2.281	62	209569	23.352	ug/L	100
6) Bromomethane	2.693	94	145564	22.028	ug/L	100
8) Chloroethane	2.834	64	137005	22.850	ug/L	100
9) Trichlorofluoromethane	3.175	101	188866	25.105	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.964	101	121993	24.932	ug/L	100
12) 1,1-Dichloroethene	3.940	96	109810	25.258	ug/L	100
13) Acetone	4.016	43	65984	49.978	ug/L	100
14) Carbon disulfide	4.269	76	354963	23.958	ug/L	100
15) Methyl Acetate	4.569	43	46854	21.433	ug/L	# 77
16) Methylene chloride	4.805	84	136673	22.070	ug/L	100
17) trans-1,2-Dichloroethene	5.311	96	118802	24.368	ug/L	100
18) Methyl tert-butyl Ether	5.316	73	255415	23.974	ug/L	100
19) 1,1-Dichloroethane	6.111	63	200832	24.583	ug/L	100
20) cis-1,2-Dichloroethene	7.075	96	137060	25.052	ug/L	100
22) 2-Butanone	7.075	43	80050	44.036	ug/L	100
23) Bromochloromethane	7.428	128	64579	24.340	ug/L	100
25) Chloroform	7.599	83	223818	24.951	ug/L	100
27) 1,2-Dichloroethane	8.328	62	134222	24.059	ug/L	100
29) Cyclohexane	7.875	56	160803	25.111	ug/L	100
30) 1,1,1-Trichloroethane	7.793	97	192411	26.176	ug/L	100
31) Carbon tetrachloride	7.993	117	165511	27.346	ug/L	100
33) Benzene	8.252	78	497797	25.844	ug/L	100
34) Trichloroethene	9.028	95	126457	25.108	ug/L	100
35) Methylcyclohexane	9.275	83	206649	25.438	ug/L	100
37) 1,2-Dichloropropane	9.304	63	123228	25.275	ug/L	100
38) Bromodichloromethane	9.587	83	169174	25.163	ug/L	100
39) cis-1,3-Dichloropropene	10.016	75	201810	25.645	ug/L	100
40) 4-Methyl-2-pentanone	10.157	43	140561	46.432	ug/L	100
42) Toluene	10.334	91	543262	25.944	ug/L	100
44) trans-1,3-Dichloropropene	10.551	75	172363	25.115	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.734	97	103203	24.109	ug/L	100
46) Tetrachloroethene	10.810	164	103457	26.999	ug/L	100
48) 2-Hexanone	10.922	43	109644	47.263	ug/L	100
49) Dibromochloromethane	11.075	129	121128	24.968	ug/L	100
50) 1,2-Dibromoethane	11.175	107	104031	24.723	ug/L	100
51) Chlorobenzene	11.604	112	357915	25.976	ug/L	100
52) Ethylbenzene	11.681	91	588165	26.304	ug/L	100
53) m,p-Xylene	11.793	106	229137	26.470	ug/L	100
54) o-Xylene	12.122	106	220412	26.463	ug/L	100
55) Styrene	12.134	104	403282	26.821	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.675	83	124542	23.606	ug/L	100
59) Bromoform	12.298	173	79494	25.090	ug/L	100
60) Isopropylbenzene	12.422	105	580570	25.432	ug/L	100
61) 1,2,3-Trichloropropane	12.728	75	81987	22.578	ug/L	100
62) 1,3,5-Trimethylbenzene	12.904	105	454020	25.994	ug/L	100
63) 1,2,4-Trimethylbenzene	13.210	105	448726	25.920	ug/L	100
64) 1,3-Dichlorobenzene	13.457	146	266329	25.355	ug/L	100
65) 1,4-Dichlorobenzene	13.540	146	271786	25.107	ug/L	100
67) 1,2-Dichlorobenzene	13.834	146	243683	24.836	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.445	75	18378	21.858	ug/L	100
69) 1,3,5-Trichlorobenzene	14.592	180	170391	25.832	ug/L	100
70) 1,2,4-trichlorobenzene	15.098	180	146339	25.294	ug/L	100
71) Naphthalene	15.334	128	305393	23.014	ug/L	100
72) 1,2,3-Trichlorobenzene	15.522	180	134026	25.620	ug/L	100

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

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