

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090622\
 Data File : VW024558.D
 Acq On : 06 Sep 2022 14:17
 Operator : SY/VA
 Sample : VSTD10035
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD100435

Quant Time: Sep 07 04:36:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Sep 07 04:30:35 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	407717	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.627	117	411495	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	217365	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.342	65	744442	88.438	ug/L	0.00
7) Chloroethane-d5	2.867	69	571299	91.275	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.007	63	858031	96.640	ug/L	0.00
21) 2-Butanone-d5	7.073	46	273907	193.476	ug/L	0.00
24) Chloroform-d	7.646	84	980038	93.671	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	525222	89.708	ug/L	0.00
32) Benzene-d6	8.268	84	1916951	94.705	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	553105	92.680	ug/L	0.00
41) Toluene-d8	10.323	98	1882510	95.401	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	261999	97.964	ug/L	0.00
47) 2-Hexanone-d5	10.920	63	244593	222.973	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	533293	93.233	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	665230	96.625	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.001	85	211863	110.761	ug/L	95
3) Chloromethane	2.208	50	542409	89.317	ug/L	98
5) Vinyl chloride	2.349	62	841018	82.145	ug/L	98
6) Bromomethane	2.739	94	527931	79.099	ug/L	93
8) Chloroethane	2.903	64	477263	85.685	ug/L	94
9) Trichlorofluoromethane	3.239	101	485905	82.091	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.049	101	504859	92.575	ug/L #	89
12) 1,1-Dichloroethene	4.025	96	446967	95.888	ug/L	99
13) Acetone	4.116	43	181681m	159.959	ug/L	
14) Carbon disulfide	4.373	76	1132261	91.804	ug/L	100
15) Methyl Acetate	4.665	43	233831	94.250	ug/L	99
16) Methylene chloride	4.903	84	485048	79.727	ug/L	96
17) trans-1,2-Dichloroethene	5.415	96	501714	94.115	ug/L	97
18) Methyl tert-butyl Ether	5.421	73	956835	100.624	ug/L	99
19) 1,1-Dichloroethane	6.208	63	905969	93.258	ug/L	99
20) cis-1,2-Dichloroethene	7.165	96	587386m	98.050	ug/L	
22) 2-Butanone	7.165	43	336284	180.153	ug/L	97
23) Bromochloromethane	7.512	128	271470	97.939	ug/L	95
25) Chloroform	7.671	83	1018016	94.335	ug/L	97
27) 1,2-Dichloroethane	8.396	62	658899	90.837	ug/L	99
29) Cyclohexane	7.951	56	762673	95.736	ug/L	98
30) 1,1,1-Trichloroethane	7.866	97	830767	92.058	ug/L	98
31) Carbon tetrachloride	8.061	117	757834	91.943	ug/L	96
33) Benzene	8.317	78	2115758	90.590	ug/L	100
34) Trichloroethene	9.091	95	564337	92.517	ug/L	92
35) Methylcyclohexane	9.329	83	930557	95.353	ug/L	99
37) 1,2-Dichloropropane	9.366	63	533861	91.524	ug/L	99
38) Bromodichloromethane	9.640	83	778262	94.403	ug/L	98
39) cis-1,3-Dichloropropene	10.067	75	891998	104.589	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	785849	204.235	ug/L	98
42) Toluene	10.384	91	2393446	92.956	ug/L	95
44) trans-1,3-Dichloropropene	10.603	75	822496	102.100	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	458030	93.955	ug/L	94
46) Tetrachloroethene	10.859	164	429147	95.483	ug/L	97
48) 2-Hexanone	10.969	43	552215	209.276	ug/L	99
49) Dibromochloromethane	11.127	129	586817	102.969	ug/L	99
50) 1,2-Dibromoethane	11.231	107	456266	96.434	ug/L	99
51) Chlorobenzene	11.658	112	1640879	92.246	ug/L	97
52) Ethylbenzene	11.725	91	2788504	95.386	ug/L	95
53) m,p-Xylene	11.835	106	1094108	95.794	ug/L	89
54) o-Xylene	12.164	106	1075884	98.940	ug/L	95
55) Styrene	12.176	104	1915492	100.073	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.712	83	586610	95.048	ug/L	99
59) Bromoform	12.347	173	333326	105.500	ug/L	98
60) Isopropylbenzene	12.463	105	2943431	100.014	ug/L	99
61) 1,2,3-Trichloropropane	12.767	75	420913	93.599	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	2506622	102.566	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	2457822	101.047	ug/L	100
64) 1,3-Dichlorobenzene	13.493	146	1304457	98.370	ug/L	94
65) 1,4-Dichlorobenzene	13.578	146	1285057	91.939	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	1170111	94.623	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.480	75	96572	90.762	ug/L	92
69) 1,3,5-Trichlorobenzene	14.627	180	840091	97.537	ug/L	96
70) 1,2,4-trichlorobenzene	15.127	180	720595	105.435	ug/L	99
71) Naphthalene	15.358	128	1692372	111.924	ug/L	100
72) 1,2,3-Trichlorobenzene	15.547	180	651843	102.517	ug/L	95

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

