

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022322\
 Data File : VW022105.D
 Acq On : 23 Feb 2022 13:13
 Operator : SY/VA
 Sample : VSTD2.5
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Feb 24 03:00:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Feb 24 01:24:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	161678	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	149215	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	75491	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	5691	2.699	ug/L	0.00
7) Chloroethane-d5	2.885	69	4993	3.009	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.019	63	8631	2.673	ug/L	0.00
21) 2-Butanone-d5	7.098	46	1371	3.752	ug/L	0.02
24) Chloroform-d	7.647	84	9330	2.586	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.311	65	5228	2.788	ug/L	0.00
32) Benzene-d6	8.275	84	17094	2.462	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.268	67	5013	2.599	ug/L	0.00
41) Toluene-d8	10.323	98	17064	2.472	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	1987	2.324	ug/L	0.00
47) 2-Hexanone-d5	10.921	63	1286	4.054	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.689	84	4284	2.531	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	6323	2.608	ug/L	0.00
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	1161m	2.569	ug/L	
3) Chloromethane	2.209	50	4880	3.152	ug/L	92
5) Vinyl chloride	2.361	62	7267	3.124	ug/L	91
6) Bromomethane	2.776	94	5781	3.558	ug/L	98
8) Chloroethane	2.916	64	4015	3.072	ug/L	97
9) Trichlorofluoromethane	3.257	101	4484	2.839	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	5646	2.930	ug/L #	71
12) 1,1-Dichloroethene	4.038	96	4722	2.827	ug/L	91
13) Acetone	4.154	43	1802m	6.355	ug/L	
14) Carbon disulfide	4.379	76	12314	2.844	ug/L	96
15) Methyl Acetate	4.690	43	1784	2.748	ug/L #	83
16) Methylene chloride	4.916	84	6644	3.348	ug/L	88
17) trans-1,2-Dichloroethene	5.428	96	5035	2.745	ug/L	87
18) Methyl tert-butyl Ether	5.422	73	6389m	2.560	ug/L	
19) 1,1-Dichloroethane	6.214	63	8069	2.717	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	5411	2.723	ug/L	84
22) 2-Butanone	7.183	43	2153	5.126	ug/L	83
23) Bromochloromethane	7.519	128	2581	2.659	ug/L	94
25) Chloroform	7.677	83	9910	2.860	ug/L	96
27) 1,2-Dichloroethane	8.403	62	5865	2.748	ug/L	95
29) Cyclohexane	7.952	56	6296	2.535	ug/L #	68
30) 1,1,1-Trichloroethane	7.878	97	8105	2.700	ug/L #	84
31) Carbon tetrachloride	8.074	117	7511	2.633	ug/L	100
33) Benzene	8.323	78	19401	2.689	ug/L	100
34) Trichloroethene	9.092	95	5900	2.856	ug/L	92
35) Methylcyclohexane	9.342	83	8323	2.605	ug/L	97
37) 1,2-Dichloropropane	9.372	63	4468	2.655	ug/L #	95
38) Bromodichloromethane	9.646	83	6452	2.673	ug/L	94
39) cis-1,3-Dichloropropene	10.073	75	5639	2.204	ug/L	92
40) 4-Methyl-2-pentanone	10.207	43	4198	4.619	ug/L	97
42) Toluene	10.390	91	20581	2.521	ug/L	97

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44) trans-1,3-Dichloropropene	10.604	75	5232	2.276	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	4202	2.816	ug/L	94
46) Tetrachloroethene	10.866	164	5086	2.811	ug/L	93
48) 2-Hexanone	10.969	43	2870	4.550	ug/L #	98
49) Dibromochloromethane	11.128	129	4198	2.316	ug/L	97
50) 1,2-Dibromoethane	11.238	107	3546	2.463	ug/L	95
51) Chlorobenzene	11.658	112	15350	2.701	ug/L	99
52) Ethylbenzene	11.731	91	23167	2.564	ug/L	99
53) m,p-Xylene	11.841	106	9157	2.463	ug/L	95
54) o-Xylene	12.164	106	8442	2.413	ug/L	85
55) Styrene	12.176	104	13597	2.318	ug/L #	80
57) 1,1,2,2-Tetrachloroethane	12.713	83	4640	2.680	ug/L #	92
59) Bromoform	12.353	173	2374	2.378	ug/L #	97
60) Isopropylbenzene	12.463	105	22476	2.480	ug/L	97
61) 1,2,3-Trichloropropane	12.768	75	3418	2.869	ug/L	99
62) 1,3,5-Trimethylbenzene	12.939	105	14145	2.347	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	17545	2.382	ug/L	96
64) 1,3-Dichlorobenzene	13.493	146	12564	2.795	ug/L	96
65) 1,4-Dichlorobenzene	13.573	146	13100	2.908	ug/L	92
67) 1,2-Dichlorobenzene	13.865	146	10927	2.734	ug/L #	86
68) 1,2-Dibromo-3-chloropr...	14.481	75	711m	2.822	ug/L	
69) 1,3,5-Trichlorobenzene	14.627	180	9126	2.828	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	6509	2.666	ug/L	99
71) Naphthalene	15.359	128	9456	2.194	ug/L	97
72) 1,2,3-Trichlorobenzene	15.548	180	5468	2.589	ug/L	95

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

