

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040323\
 Data File : VW025549.D
 Acq On : 03 Apr 2023 10:54
 Operator : SY/MD
 Sample : VSTD10041
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD100441

Quant Time: Apr 04 02:51:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Apr 03 11:21:06 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	803264	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	717882	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	339762	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	1189098	90.905	ug/L	0.00
7) Chloroethane-d5	2.893	69	861950	93.281	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.027	63	2511191	94.997	ug/L	0.00
21) 2-Butanone-d5	7.075	46	572026	195.437	ug/L	0.00
24) Chloroform-d	7.648	84	2128085	94.356	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	1071014	91.279	ug/L	0.00
32) Benzene-d6	8.276	84	4369122	93.992	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	1360431	93.863	ug/L	0.00
41) Toluene-d8	10.325	98	3937917	96.959	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	555672	102.259	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	423622	213.832	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	883373	90.301	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	1114922	95.518	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	1155670	118.917	ug/L	99
3) Chloromethane	2.229	50	1429777	109.711	ug/L	100
5) Vinyl chloride	2.375	62	1442360	100.118	ug/L	97
6) Bromomethane	2.783	94	770788	99.459	ug/L	99
8) Chloroethane	2.930	64	804846	99.750	ug/L	100
9) Trichlorofluoromethane	3.265	101	1190191	107.236	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	1102702	99.007	ug/L	97
12) 1,1-Dichloroethene	4.045	96	1115669	100.374	ug/L	96
13) Acetone	4.119	43	440856	177.974	ug/L	99
14) Carbon disulfide	4.393	76	3891861	98.948	ug/L	100
15) Methyl Acetate	4.667	43	530099	95.604	ug/L	98
16) Methylene chloride	4.917	84	1120363	87.748	ug/L	100
17) trans-1,2-Dichloroethene	5.429	96	1183813	99.880	ug/L	99
18) Methyl tert-butyl Ether	5.423	73	1639842	100.264	ug/L	100
19) 1,1-Dichloroethane	6.216	63	2357639	99.560	ug/L	100
20) cis-1,2-Dichloroethene	7.173	96	1262525	102.378	ug/L #	99
22) 2-Butanone	7.167	43	694272	197.884	ug/L	99
23) Bromochloromethane	7.520	128	491663	97.219	ug/L	96
25) Chloroform	7.673	83	2130918	98.402	ug/L	96
27) 1,2-Dichloroethane	8.398	62	1385895	95.370	ug/L	98
29) Cyclohexane	7.959	56	2423957	104.322	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	1749374	98.074	ug/L	99
31) Carbon tetrachloride	8.069	117	1593739	98.944	ug/L	100
33) Benzene	8.325	78	4836955	96.802	ug/L	100
34) Trichloroethene	9.087	95	1276987	98.252	ug/L	98
35) Methylcyclohexane	9.337	83	2364014	100.728	ug/L	99
37) 1,2-Dichloropropane	9.368	63	1300421	98.544	ug/L	99
38) Bromodichloromethane	9.642	83	1515718	100.386	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	2021327	106.782	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	1494022	200.016	ug/L	99
42) Toluene	10.386	91	5052769	99.306	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	1635445	104.774	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.788	97	791081	94.014	ug/L	99
46) Tetrachloroethene	10.861	164	902812	98.765	ug/L	96
48) 2-Hexanone	10.965	43	1047840	203.033	ug/L	96
49) Dibromochloromethane	11.129	129	892758	100.770	ug/L	98
50) 1,2-Dibromoethane	11.233	107	754266	97.561	ug/L	97
51) Chlorobenzene	11.654	112	3067592	97.840	ug/L	96
52) Ethylbenzene	11.727	91	5797958	100.698	ug/L	98
53) m,p-Xylene	11.837	106	2160326	102.311	ug/L	96
54) o-Xylene	12.166	106	2061564	104.365	ug/L	91
55) Styrene	12.178	104	3387897	101.897	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	923028	91.581	ug/L	96
59) Bromoform	12.349	173	475131	102.052	ug/L	94
60) Isopropylbenzene	12.458	105	5548149	104.244	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	670748	95.253	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	4620682	109.979	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	4406765	108.928	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	2264860	102.689	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	2249844	99.884	ug/L	93
67) 1,2-Dichlorobenzene	13.867	146	1962777	101.511	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.482	75	148751	96.296	ug/L	98
69) 1,3,5-Trichlorobenzene	14.623	180	1506057	101.990	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	1291637	107.677	ug/L	95
71) Naphthalene	15.360	128	2426175	108.393	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	1077042	102.694	ug/L	97

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

