

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020323\
 Data File : VW025267.D
 Acq On : 03 Feb 2023 09:30
 Operator : SY/MD
 Sample : VSTD05022
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD050422

Quant Time: Feb 03 11:16:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Feb 03 11:15:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	392810	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	345207	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	171450	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.367	65	193829	50.992	ug/L	0.00
7) Chloroethane-d5	2.897	69	166028	49.192	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.025	63	506834	48.086	ug/L	0.00
21) 2-Butanone-d5	7.074	46	107879	109.690	ug/L	-0.01
24) Chloroform-d	7.647	84	494186	47.999	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	253979	50.643	ug/L	0.00
32) Benzene-d6	8.274	84	975893	46.643	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	281456	45.977	ug/L	0.00
41) Toluene-d8	10.323	98	884135	47.274	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	105510	46.125	ug/L	0.00
47) 2-Hexanone-d5	10.920	63	68532	99.847	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	210265	50.508	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.847	152	284345	47.802	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.020	85	261983	55.943	ug/L	93
3) Chloromethane	2.227	50	252665	49.606	ug/L	99
5) Vinyl chloride	2.373	62	273594	52.653	ug/L	97
6) Bromomethane	2.788	94	176455	49.597	ug/L	96
8) Chloroethane	2.934	64	160023	49.332	ug/L	98
9) Trichlorofluoromethane	3.269	101	363531	48.638	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	276824	51.078	ug/L	98
12) 1,1-Dichloroethene	4.044	96	264495	49.163	ug/L	98
13) Acetone	4.129	43	108426	100.556	ug/L	100
14) Carbon disulfide	4.391	76	869860	49.477	ug/L	100
15) Methyl Acetate	4.672	43	99960	61.629	ug/L	100
16) Methylene chloride	4.921	84	269503	40.303	ug/L	96
17) trans-1,2-Dichloroethene	5.427	96	279757	48.420	ug/L	97
18) Methyl tert-butyl Ether	5.427	73	432296	52.048	ug/L	100
19) 1,1-Dichloroethane	6.220	63	502416	48.836	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	298853	49.263	ug/L	95
22) 2-Butanone	7.171	43	138085	108.772	ug/L	100
23) Bromochloromethane	7.519	128	126789	50.740	ug/L	92
25) Chloroform	7.677	83	516553	48.813	ug/L	94
27) 1,2-Dichloroethane	8.403	62	336807	52.257	ug/L	100
29) Cyclohexane	7.957	56	483221	48.607	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	463084	47.293	ug/L	99
31) Carbon tetrachloride	8.073	117	422288	46.620	ug/L	100
33) Benzene	8.323	78	1123088	47.012	ug/L	100
34) Trichloroethene	9.091	95	308480	46.101	ug/L	98
35) Methylcyclohexane	9.335	83	550516	46.091	ug/L	99
37) 1,2-Dichloropropane	9.366	63	273852	46.480	ug/L	100
38) Bromodichloromethane	9.646	83	372189	47.507	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	473714	49.104	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	273730	105.221	ug/L	99
42) Toluene	10.390	91	1029495	43.336	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	327613	47.642	ug/L	99

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

45) 1,1,2-Trichloroethane	10.786	97	171249	46.118	ug/L	95
46) Tetrachloroethene	10.859	164	189028	44.203	ug/L	97
48) 2-Hexanone	10.969	43	163775	99.740	ug/L	99
49) Dibromochloromethane	11.128	129	179732	42.854	ug/L	99
50) 1,2-Dibromoethane	11.231	107	140649	41.348	ug/L #	99
51) Chlorobenzene	11.658	112	775616	49.611	ug/L	98
52) Ethylbenzene	11.731	91	1412505	49.625	ug/L	97
53) m,p-Xylene	11.841	106	538031	49.876	ug/L	98
54) o-Xylene	12.164	106	513257	47.264	ug/L	96
55) Styrene	12.176	104	869731	47.302	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	229021	51.763	ug/L	99
59) Bromoform	12.347	173	128710	52.913	ug/L	100
60) Isopropylbenzene	12.463	105	1416146	48.772	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	165814	54.394	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	1210803	51.726	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	1174498	50.075	ug/L	98
64) 1,3-Dichlorobenzene	13.493	146	599309	49.819	ug/L	93
65) 1,4-Dichlorobenzene	13.578	146	575338	48.466	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	516599	49.832	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	38013	53.391	ug/L	98
69) 1,3,5-Trichlorobenzene	14.621	180	402627	51.466	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	335828	52.720	ug/L	99
71) Naphthalene	15.359	128	661669	56.821	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	284659	52.045	ug/L	98

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

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