

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020122\
 Data File : VW022011.D
 Acq On : 01 Feb 2022 16:28
 Operator : SY/VA
 Sample : VSTD10054
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD100454

Quant Time: Feb 02 00:25:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Feb 02 00:22:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	176896	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	158261	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	85720	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	212326	99.647	ug/L	0.00
7) Chloroethane-d5	2.879	69	177721	108.339	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.019	63	376126	99.910	ug/L	0.00
21) 2-Butanone-d5	7.086	46	74430	198.936	ug/L	0.00
24) Chloroform-d	7.647	84	417572	101.461	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	197760	96.581	ug/L	0.00
32) Benzene-d6	8.275	84	819765	102.501	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	217497	99.981	ug/L	0.00
41) Toluene-d8	10.323	98	811924	102.434	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	105865	111.116	ug/L	0.00
47) 2-Hexanone-d5	10.920	63	71432	225.857	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	169310	95.427	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	303742	98.225	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	58234	139.065	ug/L	96
3) Chloromethane	2.215	50	182946	98.408	ug/L	98
5) Vinyl chloride	2.361	62	260008	97.378	ug/L	98
6) Bromomethane	2.776	94	248489	109.443	ug/L	96
8) Chloroethane	2.916	64	139805	101.894	ug/L	97
9) Trichlorofluoromethane	3.263	101	190205	94.361	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	216364	101.309	ug/L	98
12) 1,1-Dichloroethene	4.044	96	201562	102.268	ug/L	86
13) Acetone	4.135	43	73122	206.290	ug/L	67
14) Carbon disulfide	4.385	76	609052	105.941	ug/L	100
15) Methyl Acetate	4.678	43	62495	96.824	ug/L	# 87
16) Methylene chloride	4.915	84	196675	95.415	ug/L	98
17) trans-1,2-Dichloroethene	5.428	96	224950	102.354	ug/L	97
18) Methyl tert-butyl Ether	5.428	73	282670	100.304	ug/L	98
19) 1,1-Dichloroethane	6.220	63	343506	100.877	ug/L	96
20) cis-1,2-Dichloroethene	7.171	96	237535	105.320	ug/L	96
22) 2-Butanone	7.177	43	95304	208.792	ug/L	100
23) Bromochloromethane	7.519	128	115272	103.797	ug/L	92
25) Chloroform	7.677	83	382897	99.341	ug/L	96
27) 1,2-Dichloroethane	8.403	62	228975	100.748	ug/L	99
29) Cyclohexane	7.958	56	328027	105.589	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	361491	103.213	ug/L	99
31) Carbon tetrachloride	8.073	117	358572	104.597	ug/L	97
33) Benzene	8.323	78	829942	100.021	ug/L	100
34) Trichloroethene	9.091	95	237524	100.681	ug/L	97
35) Methylcyclohexane	9.335	83	415809	104.471	ug/L	98
37) 1,2-Dichloropropane	9.372	63	184982	101.502	ug/L	99
38) Bromodichloromethane	9.646	83	283326	108.861	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	326653	111.751	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	190766	213.347	ug/L	99
42) Toluene	10.390	91	974988	103.659	ug/L	97
44) trans-1,3-Dichloropropene	10.603	75	285164	113.167	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	157871	101.918	ug/L	99
46) Tetrachloroethene	10.866	164	223104	101.456	ug/L	94
48) 2-Hexanone	10.969	43	146920	220.840	ug/L	99
49) Dibromochloromethane	11.128	129	219181	112.366	ug/L	98
50) 1,2-Dibromoethane	11.231	107	162266	105.805	ug/L	91
51) Chlorobenzene	11.658	112	657971	102.787	ug/L	95
52) Ethylbenzene	11.731	91	1077793	103.855	ug/L	98
53) m,p-Xylene	11.841	106	447881	104.019	ug/L	99
54) o-Xylene	12.164	106	418503	103.903	ug/L	95
55) Styrene	12.176	104	706490	108.589	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	165574	98.202	ug/L	99
59) Bromoform	12.347	173	135206	119.428	ug/L #	94
60) Isopropylbenzene	12.463	105	1138216	101.631	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	118073	94.551	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	775024	104.343	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	922943	101.988	ug/L	97
64) 1,3-Dichlorobenzene	13.499	146	534267	99.568	ug/L	98
65) 1,4-Dichlorobenzene	13.578	146	525337	97.807	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	457655	95.963	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	26297	103.506	ug/L	97
69) 1,3,5-Trichlorobenzene	14.627	180	395088	102.411	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	329525	107.535	ug/L	99
71) Naphthalene	15.359	128	567798	113.570	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	284196	108.507	ug/L	97

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

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