

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060622\
 Data File : VW023397.D
 Acq On : 06 Jun 2022 10:12
 Operator : SY/VA
 Sample : VSTD05016
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD050416

Quant Time: Jun 06 11:13:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Jun 06 11:11:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	416786	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	400990	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	217150	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	318642	41.683	ug/L	0.00
7) Chloroethane-d5	2.886	69	244191	46.613	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.019	63	483168	43.534	ug/L	0.00
21) 2-Butanone-d5	7.074	46	118801	77.988	ug/L	0.00
24) Chloroform-d	7.647	84	548797	41.193	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	281441	40.002	ug/L	0.00
32) Benzene-d6	8.275	84	1102616	41.961	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.275	67	306637	40.724	ug/L	0.00
41) Toluene-d8	10.323	98	1073091	42.125	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	141466	41.997	ug/L	0.00
47) 2-Hexanone-d5	10.921	63	97850	80.946	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.689	84	265739	40.530	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	387375	41.179	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.008	85	79651	47.897	ug/L	99
3) Chloromethane	2.215	50	243925	46.485	ug/L	100
5) Vinyl chloride	2.361	62	387971	47.808	ug/L	100
6) Bromomethane	2.776	94	210293	54.854	ug/L	98
8) Chloroethane	2.922	64	203075	55.922	ug/L	97
9) Trichlorofluoromethane	3.257	101	192259	50.214	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	267260	48.250	ug/L	96
12) 1,1-Dichloroethene	4.044	96	245960	50.798	ug/L	91
13) Acetone	4.117	43	76128	81.273	ug/L	100
14) Carbon disulfide	4.385	76	798817	49.664	ug/L	100
15) Methyl Acetate	4.678	43	99370	48.374	ug/L	97
16) Methylene chloride	4.916	84	266045	44.175	ug/L	99
17) trans-1,2-Dichloroethene	5.428	96	289485	51.259	ug/L	97
18) Methyl tert-butyl Ether	5.428	73	426126	51.094	ug/L	99
19) 1,1-Dichloroethane	6.220	63	475465	49.702	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	307300	51.603	ug/L #	98
22) 2-Butanone	7.171	43	127572	90.517	ug/L	98
23) Bromochloromethane	7.513	128	139997	49.524	ug/L	92
25) Chloroform	7.677	83	525333	49.995	ug/L	96
27) 1,2-Dichloroethane	8.403	62	337571	49.589	ug/L	100
29) Cyclohexane	7.958	56	448819	51.712	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	462271	49.262	ug/L	99
31) Carbon tetrachloride	8.068	117	439345	49.817	ug/L	99
33) Benzene	8.324	78	1149943	49.264	ug/L	100
34) Trichloroethene	9.092	95	314651	49.764	ug/L	98
35) Methylcyclohexane	9.336	83	547822	52.312	ug/L	99
37) 1,2-Dichloropropane	9.366	63	272674	49.791	ug/L	100
38) Bromodichloromethane	9.646	83	389371	50.070	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	455015	52.261	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	305755	98.028	ug/L	99
42) Toluene	10.390	91	1360253	52.345	ug/L	98
44) trans-1,3-Dichloropropene	10.604	75	399045	51.398	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.787	97	220681	49.056	ug/L	99
46) Tetrachloroethene	10.860	164	256024	50.815	ug/L	87
48) 2-Hexanone	10.969	43	211995	101.787	ug/L	97
49) Dibromochloromethane	11.128	129	282136	51.149	ug/L	100
50) 1,2-Dibromoethane	11.238	107	223494	50.781	ug/L	97
51) Chlorobenzene	11.658	112	891126	51.857	ug/L	100
52) Ethylbenzene	11.731	91	1516179	53.090	ug/L	98
53) m,p-Xylene	11.841	106	611192	54.023	ug/L	99
54) o-Xylene	12.164	106	576446	53.201	ug/L	89
55) Styrene	12.183	104	1014547	55.013	ug/L	92
57) 1,1,2,2-Tetrachloroethane	12.713	83	263563	49.552	ug/L	98
59) Bromoform	12.347	173	158788	49.839	ug/L	99
60) Isopropylbenzene	12.463	105	1591061	52.681	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	185684	46.920	ug/L	99
62) 1,3,5-Trimethylbenzene	12.945	105	1352386	54.409	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	1339667	65.785	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	718810	52.440	ug/L	92
65) 1,4-Dichlorobenzene	13.579	146	708749	50.399	ug/L	96
67) 1,2-Dichlorobenzene	13.871	146	633497	50.817	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.481	75	40635	46.283	ug/L	92
69) 1,3,5-Trichlorobenzene	14.627	180	469617	51.901	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	379126	53.075	ug/L	97
71) Naphthalene	15.365	128	769918	56.990	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	330471	52.989	ug/L	98

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

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