

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012221\
 Data File : VW017980.D
 Acq On : 22 Jan 2021 15:57
 Operator : SY/VA
 Sample : VSTD10002
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD100102

Manual Integrations
 APPROVED

MMDadoda
 1/26/2021 10:43:04 AM

Quant Time: Jan 22 16:40:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM012221SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jan 22 15:59:26 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	391080	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	375442	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	190659	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	616733	92.47	ug/L	0.00
7) Chloroethane-d5	2.879	69	547375	94.60	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.025	63	1066813	95.18	ug/L	0.00
21) 2-Butanone-d5	7.074	46	297413	172.85	ug/L	0.00
24) Chloroform-d	7.647	84	1138227	101.50	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	630638	97.23	ug/L	0.00
32) Benzene-d6	8.274	84	2155243	97.49	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	630396	99.87	ug/L	0.00
41) Toluene-d8	10.323	98	2090287	98.88	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	308812	104.90	ug/L	0.00
47) 2-Hexanone-d5	10.926	63	221039	186.86	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.694	84	553678	91.12	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	700565	99.54	ug/L	0.00
Target Compounds	Qvalue					
2) Dichlorodifluoromethane	2.007	85	494893	103.68	ug/L	96
3) Chloromethane	2.215	50	468350	112.94	ug/L	98
5) Vinyl chloride	2.367	62	673279	98.79	ug/L	98
6) Bromomethane	2.769	94	627870	104.71	ug/L	100
8) Chloroethane	2.916	64	441656	98.77	ug/L	99
9) Trichlorofluoromethane	3.257	101	471108	102.10	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	531900	99.45	ug/L	98
12) 1,1-Dichloroethene	4.044	96	511129	101.47	ug/L	92
13) Acetone	4.123	43	177229	153.15	ug/L	94
14) Carbon disulfide	4.385	76	1535768	106.44	ug/L	99
15) Methyl Acetate	4.665	43	245486	97.31	ug/L	98
16) Methylene chloride	4.921	84	514749	81.79	ug/L	97
17) trans-1,2-Dichloroethene	5.421	96	558064	103.12	ug/L	97
18) Methyl tert-butyl Ether	5.427	73	641696	94.70	ug/L	99
19) 1,1-Dichloroethane	6.214	63	971734	102.15	ug/L	99
20) cis-1,2-Dichloroethene	7.165	96	599798m	104.17	ug/L	
22) 2-Butanone	7.171	43	315065	163.49	ug/L	99
23) Bromochloromethane	7.512	128	273377	103.45	ug/L	94
25) Chloroform	7.677	83	1023667	101.05	ug/L	96
27) 1,2-Dichloroethane	8.396	62	702821	97.80	ug/L	99
29) Cyclohexane	7.957	56	865916	97.85	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	828273	95.33	ug/L	99
31) Carbon tetrachloride	8.067	117	810532	99.86	ug/L	100
33) Benzene	8.323	78	2177389	98.39	ug/L	100
34) Trichloroethene	9.091	95	586288	97.63	ug/L	95
35) Methylcyclohexane	9.335	83	997096	97.06	ug/L	99
37) 1,2-Dichloropropane	9.366	63	536192	100.66	ug/L	100
38) Bromodichloromethane	9.646	83	767905	102.38	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	904944	107.22	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	711503	185.59	ug/L	99
42) Toluene	10.390	91	2439165	98.20	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	816538	107.32	ug/L	97

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

45) 1,1,2-Trichloroethane	10.786	97	434573	96.95	ug/L	98
46) Tetrachloroethene	10.866	164	462070	100.39	ug/L	96
48) 2-Hexanone	10.969	43	497794	185.81	ug/L	99
49) Dibromochloromethane	11.128	129	554247	107.92	ug/L	93
50) 1,2-Dibromoethane	11.231	107	437714	98.66	ug/L	99
51) Chlorobenzene	11.658	112	1590246	100.32	ug/L	96
52) Ethylbenzene	11.731	91	2748333	97.47	ug/L	99
53) m,p-Xylene	11.841	106	1065861	97.44	ug/L	97
54) o-Xylene	12.170	106	1026186	99.99	ug/L	92
55) Styrene	12.182	104	1801244	102.03	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.713	83	530874	91.45	ug/L	99
59) Bromoform	12.347	173	306701	108.56	ug/L	97
60) Isopropylbenzene	12.463	105	2778127	100.02	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	390306	92.31	ug/L	99
62) 1,3,5-Trimethylbenzene	12.944	105	2354319	106.55	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	2342902	104.66	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	1187401	99.50	ug/L	90
65) 1,4-Dichlorobenzene	13.578	146	1223750	102.88	ug/L	94
67) 1,2-Dichlorobenzene	13.871	146	1087076	100.98	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	91214	91.22	ug/L	89
69) 1,3,5-Trichlorobenzene	14.627	180	822645	102.38	ug/L	97
70) 1,2,4-trichlorobenzene	15.133	180	721027	104.29	ug/L	98
71) Naphthalene	15.365	128	1623393	101.27	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	628897	101.69	ug/L	96

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

