

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060221\
 Data File : VW019097.D
 Acq On : 02 Jun 2021 11:53
 Operator : SY/VA
 Sample : VSTD05003
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD050103

Quant Time: Jun 02 12:17:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060221SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jun 02 12:07:43 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	675218	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	624750	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	315126	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	438745	48.00	ug/L	0.00
7) Chloroethane-d5	2.892	69	385168	50.83	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.025	63	881346	48.52	ug/L	0.00
21) 2-Butanone-d5	7.080	46	230413	98.73	ug/L	0.00
24) Chloroform-d	7.653	84	900349	49.41	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	502330	49.28	ug/L	0.00
32) Benzene-d6	8.281	84	1768282	49.95	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.275	67	538407	50.55	ug/L	0.00
41) Toluene-d8	10.323	98	1650770	50.34	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	243480	50.42	ug/L	0.00
47) 2-Hexanone-d5	10.927	63	196906	104.11	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.695	84	447939	50.39	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	557320	50.70	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.014	85	433486	46.58	ug/L	99
3) Chloromethane	2.215	50	395843	46.46	ug/L	98
5) Vinyl chloride	2.367	62	591848	45.72	ug/L	98
6) Bromomethane	2.782	94	433374	45.93	ug/L	99
8) Chloroethane	2.928	64	356102	46.26	ug/L	99
9) Trichlorofluoromethane	3.270	101	340740	48.66	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	461760	46.32	ug/L	96
12) 1,1-Dichloroethene	4.044	96	476777	47.56	ug/L	93
13) Acetone	4.135	43	175632	68.74	ug/L	91
14) Carbon disulfide	4.391	76	1508484	47.63	ug/L	100
15) Methyl Acetate	4.672	43	202664	46.36	ug/L	98
16) Methylene chloride	4.922	84	488258	33.70	ug/L	97
17) trans-1,2-Dichloroethene	5.428	96	503788	47.21	ug/L	98
18) Methyl tert-butyl Ether	5.428	73	657696	47.23	ug/L	98
19) 1,1-Dichloroethane	6.220	63	892233	46.54	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	532920	47.90	ug/L	97
22) 2-Butanone	7.177	43	272196	90.39	ug/L	100
23) Bromochloromethane	7.519	128	232326	47.68	ug/L	95
25) Chloroform	7.677	83	902166	46.96	ug/L	100
27) 1,2-Dichloroethane	8.403	62	610167	46.46	ug/L	99
29) Cyclohexane	7.958	56	820904	47.64	ug/L	98
30) 1,1,1-Trichloroethane	7.878	97	706719	47.57	ug/L	99
31) Carbon tetrachloride	8.074	117	663101	48.39	ug/L	100
33) Benzene	8.330	78	2006073	47.23	ug/L	100
34) Trichloroethene	9.092	95	526382	47.53	ug/L	94
35) Methylcyclohexane	9.335	83	925491	47.78	ug/L	99
37) 1,2-Dichloropropane	9.372	63	493155	47.21	ug/L	99
38) Bromodichloromethane	9.646	83	662810	48.64	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	811580	49.58	ug/L	98
40) 4-Methyl-2-pentanone	10.213	43	597591	94.63	ug/L	95
42) Toluene	10.390	91	2210661	48.37	ug/L	98
44) trans-1,3-Dichloropropene	10.604	75	725693	49.85	ug/L	97

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45) 1,1,2-Trichloroethane	10.786	97	379561	47.82	ug/L	97
46) Tetrachloroethene	10.866	164	406418	48.30	ug/L	95
48) 2-Hexanone	10.969	43	414690	95.81	ug/L	95
49) Dibromochloromethane	11.134	129	432102	49.26	ug/L	100
50) 1,2-Dibromoethane	11.238	107	365178	48.31	ug/L	93
51) Chlorobenzene	11.658	112	1340038	47.62	ug/L	97
52) Ethylbenzene	11.731	91	2460424	48.79	ug/L	99
53) m,p-Xylene	11.841	106	917694	48.83	ug/L	92
54) o-Xylene	12.164	106	875043	48.88	ug/L	96
55) Styrene	12.183	104	1539313	50.50	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	465452	47.68	ug/L	97
59) Bromoform	12.353	173	257886	52.72	ug/L	97
60) Isopropylbenzene	12.463	105	2428454	50.15	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	345130	47.69	ug/L	97
62) 1,3,5-Trimethylbenzene	12.945	105	2032755	51.35	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	2019664	50.56	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	1023268	48.26	ug/L	91
65) 1,4-Dichlorobenzene	13.579	146	1047832	48.90	ug/L	91
67) 1,2-Dichlorobenzene	13.871	146	942233	48.91	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	77585	48.00	ug/L	99
69) 1,3,5-Trichlorobenzene	14.627	180	722123	47.03	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	613957	47.35	ug/L	98
71) Naphthalene	15.365	128	1265777	48.73	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	531112	46.85	ug/L	97

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

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