

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100620\
 Data File : VW016785.D
 Acq On : 06 Oct 2020 07:35
 Operator : SY/VA
 Sample : VSTD02503
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025103

Quant Time: Oct 06 08:05:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SFAMWLM100620SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Oct 06 06:35:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	606832	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	554684	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.56	152	274638	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	131917	20.68	ug/L	0.00
7) Chloroethane-d5	2.89	69	111915	22.70	ug/L	-0.01
11) 1,1-Dichloroethene-d2	4.03	63	286128	22.09	ug/L	0.00
21) 2-Butanone-d5	7.08	46	54101	42.84	ug/L	0.00
24) Chloroform-d	7.65	84	280232	22.06	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	131438	21.73	ug/L	0.00
32) Benzene-d6	8.27	84	549691	21.79	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.27	67	145922	21.16	ug/L	0.00
41) Toluene-d8	10.33	98	526149	21.72	ug/L	0.00
43) trans-1,3-Dichloropropene-	10.58	79	64749	21.22	ug/L	0.00
47) 2-Hexanone-d5	10.93	63	45923	45.76	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	12.69	84	110578	21.18	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.86	152	194139	22.65	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	185317	24.205	ug/L 95
3) Chloromethane	2.22	50	159107	25.535	ug/L 99
5) Vinyl chloride	2.37	62	206276	23.494	ug/L 99
6) Bromomethane	2.78	94	148307	24.573	ug/L 99
8) Chloroethane	2.93	64	127628	25.066	ug/L 100
9) Trichlorofluoromethane	3.26	101	149677	20.548	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	4.08	101	202232	25.310	ug/L 97
12) 1,1-Dichloroethene	4.05	96	193219	24.298	ug/L 94
13) Acetone	4.12	43	45605	49.050	ug/L 99
14) Carbon disulfide	4.39	76	558128	22.963	ug/L 98
15) Methyl Acetate	4.67	43	58388	25.017	ug/L 98
16) Methylene chloride	4.92	84	187586	20.960	ug/L 99
17) trans-1,2-Dichloroethene	5.43	96	201495	24.478	ug/L 94
18) Methyl tert-butyl Ether	5.43	73	209180	23.430	ug/L 99
19) 1,1-Dichloroethane	6.22	63	313149	24.471	ug/L 100
20) cis-1,2-Dichloroethene	7.17	96	206905	24.522	ug/L 99
22) 2-Butanone	7.17	43	75108	47.050	ug/L 99
23) Bromochloromethane	7.51	128	95499	24.091	ug/L 98
25) Chloroform	7.68	83	336149	24.482	ug/L 99
27) 1,2-Dichloroethane	8.40	62	197502	24.352	ug/L 99
29) Cyclohexane	7.96	56	288289	24.573	ug/L 98
30) 1,1,1-Trichloroethane	7.88	97	289532	24.013	ug/L 100
31) Carbon tetrachloride	8.07	117	284580	23.900	ug/L 97
33) Benzene	8.33	78	742110	24.562	ug/L 100
34) Trichloroethene	9.09	95	208796	24.520	ug/L 95
35) Methylcyclohexane	9.34	83	356664	24.714	ug/L 99
37) 1,2-Dichloropropane	9.37	63	165257	24.111	ug/L 99
38) Bromodichloromethane	9.65	83	231607	24.095	ug/L 98
39) cis-1,3-Dichloropropene	10.07	75	266167	24.173	ug/L 97
40) 4-Methyl-2-pentanone	10.21	43	163301	48.678	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	10.39	91	834032	24.774	ug/L	100
44) trans-1,3-Dichloropropene	10.61	75	227469	24.325	ug/L	99
45) 1,1,2-Trichloroethane	10.79	97	132159	24.078	ug/L	99
46) Tetrachloroethene	10.87	164	193332	24.800	ug/L	90
48) 2-Hexanone	10.97	43	110309	50.040	ug/L	98
49) Dibromochloromethane	11.13	129	168132	24.095	ug/L	96
50) 1,2-Dibromoethane	11.24	107	129612	24.136	ug/L	95
51) Chlorobenzene	11.66	112	541022	24.222	ug/L	98
52) Ethylbenzene	11.73	91	925502	24.621	ug/L	99
53) m,p-Xylene	11.84	106	364705	24.748	ug/L	95
54) o-Xylene	12.17	106	346351	24.928	ug/L	92
55) Styrene	12.18	104	578569	25.073	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.72	83	143031	24.223	ug/L	99
59) Bromoform	12.35	173	97380	24.708	ug/L	97
60) Isopropylbenzene	12.46	105	959411	25.463	ug/L	99
61) 1,2,3-Trichloropropane	12.77	75	103175	24.060	ug/L	100
62) 1,3,5-Trimethylbenzene	12.94	105	789754	25.717	ug/L	98
63) 1,2,4-Trimethylbenzene	13.25	105	736952	25.680	ug/L	98
64) 1,3-Dichlorobenzene	13.50	146	448998	25.564	ug/L	98
65) 1,4-Dichlorobenzene	13.58	146	439962	25.267	ug/L	95
67) 1,2-Dichlorobenzene	13.87	146	379613	24.560	ug/L	95
68) 1,2-Dibromo-3-chloropropan	14.49	75	22736	24.732	ug/L	99
69) 1,3,5-Trichlorobenzene	14.63	180	339404	26.384	ug/L	98
70) 1,2,4-trichlorobenzene	15.13	180	278635	27.440	ug/L	100
71) Naphthalene	15.37	128	448846	27.500	ug/L	100
72) 1,2,3-Trichlorobenzene	15.56	180	232244	27.090	ug/L	98

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

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