

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100620\
 Data File : VW016787.D
 Acq On : 06 Oct 2020 08:23
 Operator : SY/VA
 Sample : VSTD10005
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD100105

Quant Time: Oct 06 08:53:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SFAMWLM100620SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Oct 06 08:08:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	596561	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	550496	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.56	152	281084	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	538559	85.87	ug/L	0.00
7) Chloroethane-d5	2.89	69	449215	92.67	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.03	63	1160980	91.19	ug/L	0.00
21) 2-Butanone-d5	7.07	46	249137	200.69	ug/L	0.00
24) Chloroform-d	7.65	84	1122946	89.90	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	537231	90.35	ug/L	0.00
32) Benzene-d6	8.27	84	2230003	89.08	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.27	67	605661	88.48	ug/L	0.00
41) Toluene-d8	10.32	98	2133974	88.78	ug/L	0.00
43) trans-1,3-Dichloropropene-	10.58	79	292525	96.58	ug/L	0.00
47) 2-Hexanone-d5	10.93	63	215266	216.15	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	12.69	84	492064	94.95	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.85	152	765637	87.29	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	740674	98.409	ug/L 99
3) Chloromethane	2.22	50	643710	105.089	ug/L 99
5) Vinyl chloride	2.37	62	789149	91.428	ug/L 98
6) Bromomethane	2.78	94	579407	97.654	ug/L 98
8) Chloroethane	2.93	64	492607	98.414	ug/L 99
9) Trichlorofluoromethane	3.26	101	629014	87.838	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	4.07	101	767582	97.719	ug/L 99
12) 1,1-Dichloroethene	4.05	96	764645	97.814	ug/L 98
13) Acetone	4.12	43	185310	202.740	ug/L 100
14) Carbon disulfide	4.39	76	2196446	91.926	ug/L 99
15) Methyl Acetate	4.67	43	246055	107.241	ug/L 98
16) Methylene chloride	4.92	84	689371	78.354	ug/L 97
17) trans-1,2-Dichloroethene	5.43	96	778952	96.257	ug/L 99
18) Methyl tert-butyl Ether	5.43	73	808197	92.083	ug/L 100
19) 1,1-Dichloroethane	6.22	63	1202913	95.620	ug/L 100
20) cis-1,2-Dichloroethene	7.17	96	798434	96.256	ug/L 99
22) 2-Butanone	7.17	43	307107	195.693	ug/L 97
23) Bromochloromethane	7.52	128	377619	96.899	ug/L 95
25) Chloroform	7.68	83	1284874	95.189	ug/L 100
27) 1,2-Dichloroethane	8.40	62	769610	96.528	ug/L 99
29) Cyclohexane	7.96	56	1117037	95.938	ug/L 99
30) 1,1,1-Trichloroethane	7.87	97	1082835	90.491	ug/L 99
31) Carbon tetrachloride	8.07	117	1097635	92.885	ug/L 99
33) Benzene	8.32	78	2767497	92.293	ug/L 100
34) Trichloroethene	9.09	95	802091	94.911	ug/L 96
35) Methylcyclohexane	9.34	83	1378668	96.257	ug/L 98
37) 1,2-Dichloropropane	9.37	63	633369	93.110	ug/L 99
38) Bromodichloromethane	9.65	83	926777	97.148	ug/L 99
39) cis-1,3-Dichloropropene	10.07	75	1107764	101.373	ug/L 97
40) 4-Methyl-2-pentanone	10.21	43	693561	208.316	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	10.39	91	3131934	93.738	ug/L	97
44) trans-1,3-Dichloropropene	10.61	75	958070	103.231	ug/L	99
45) 1,1,2-Trichloroethane	10.79	97	523664	96.132	ug/L	99
46) Tetrachloroethene	10.86	164	716764	92.643	ug/L	89
48) 2-Hexanone	10.97	43	469088	214.412	ug/L	98
49) Dibromochloromethane	11.13	129	701398	101.282	ug/L	94
50) 1,2-Dibromoethane	11.24	107	533819	100.161	ug/L	99
51) Chlorobenzene	11.66	112	2088735	94.226	ug/L	98
52) Ethylbenzene	11.73	91	3582094	96.021	ug/L	99
53) m,p-Xylene	11.84	106	1399140	95.664	ug/L	96
54) o-Xylene	12.17	106	1356155	98.349	ug/L	93
55) Styrene	12.18	104	2258245	98.608	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.71	83	582998	99.483	ug/L	97
59) Bromoform	12.35	173	426327	105.692	ug/L	98
60) Isopropylbenzene	12.46	105	3606350	93.519	ug/L	98
61) 1,2,3-Trichloropropane	12.77	75	422972	96.375	ug/L	99
62) 1,3,5-Trimethylbenzene	12.94	105	3091969	98.376	ug/L	99
63) 1,2,4-Trimethylbenzene	13.25	105	2858933	97.337	ug/L	100
64) 1,3-Dichlorobenzene	13.50	146	1699692	94.552	ug/L	97
65) 1,4-Dichlorobenzene	13.58	146	1674225	93.947	ug/L	99
67) 1,2-Dichlorobenzene	13.87	146	1471700	93.033	ug/L	98
68) 1,2-Dibromo-3-chloropropan	14.49	75	94708	100.661	ug/L	91
69) 1,3,5-Trichlorobenzene	14.63	180	1247538	94.755	ug/L	99
70) 1,2,4-trichlorobenzene	15.13	180	1066462	102.618	ug/L	99
71) Naphthalene	15.36	128	1828901	109.484	ug/L	99
72) 1,2,3-Trichlorobenzene	15.55	180	894413	101.935	ug/L	98

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

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