

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100620\
 Data File : VW016786.D
 Acq On : 06 Oct 2020 07:59
 Operator : SY/VA
 Sample : VSTD05004
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD050104

Quant Time: Oct 06 08:33:03 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	8.84	114	557420	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	514855	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.56	152	267277	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	270377	46.14	ug/L	0.00
7) Chloroethane-d5	2.89	69	224921	49.66	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.03	63	578576	48.64	ug/L	0.00
21) 2-Butanone-d5	7.08	46	103928	89.60	ug/L	0.00
24) Chloroform-d	7.65	84	563075	48.25	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	255550	46.00	ug/L	0.00
32) Benzene-d6	8.27	84	1106818	47.28	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.27	67	291885	45.59	ug/L	0.00
41) Toluene-d8	10.32	98	1073960	47.77	ug/L	0.00
43) trans-1,3-Dichloropropene-	10.58	79	133630	47.17	ug/L	0.00
47) 2-Hexanone-d5	10.93	63	88657	95.18	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	12.69	84	217242	44.82	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.85	152	396235	47.51	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	374639	53.271	ug/L 96
3) Chloromethane	2.21	50	314851	55.010	ug/L 98
5) Vinyl chloride	2.37	62	402024	49.848	ug/L 98
6) Bromomethane	2.78	94	284935	51.395	ug/L 96
8) Chloroethane	2.93	64	248820	53.200	ug/L 99
9) Trichlorofluoromethane	3.26	101	307630	45.975	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	4.07	101	393275	53.583	ug/L 99
12) 1,1-Dichloroethene	4.04	96	383911	52.558	ug/L 92
13) Acetone	4.12	43	83155	97.365	ug/L 99
14) Carbon disulfide	4.39	76	1104823	49.486	ug/L 98
15) Methyl Acetate	4.67	43	106800	49.816	ug/L 100
16) Methylene chloride	4.92	84	343008	41.724	ug/L 99
17) trans-1,2-Dichloroethene	5.43	96	394963	52.233	ug/L 98
18) Methyl tert-butyl Ether	5.43	73	388792	47.408	ug/L 100
19) 1,1-Dichloroethane	6.22	63	602451	51.252	ug/L 99
20) cis-1,2-Dichloroethene	7.17	96	400327	51.651	ug/L 97
22) 2-Butanone	7.17	43	133661	91.151	ug/L 97
23) Bromochloromethane	7.51	128	181305	49.791	ug/L 95
25) Chloroform	7.68	83	645893	51.210	ug/L 100
27) 1,2-Dichloroethane	8.40	62	365664	49.084	ug/L 99
29) Cyclohexane	7.96	56	566250	52.000	ug/L 99
30) 1,1,1-Trichloroethane	7.87	97	555543	49.640	ug/L 99
31) Carbon tetrachloride	8.07	117	560334	50.699	ug/L 98
33) Benzene	8.32	78	1419212	50.606	ug/L 100
34) Trichloroethene	9.09	95	406043	51.373	ug/L 98
35) Methylcyclohexane	9.34	83	691489	51.621	ug/L 99
37) 1,2-Dichloropropane	9.37	63	317674	49.933	ug/L 99
38) Bromodichloromethane	9.65	83	448980	50.322	ug/L 96
39) cis-1,3-Dichloropropene	10.07	75	524471	51.317	ug/L 97
40) 4-Methyl-2-pentanone	10.21	43	300461	96.493	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	10.39	91	1592085	50.950	ug/L	99
44) trans-1,3-Dichloropropene	10.61	75	442108	50.935	ug/L	99
45) 1,1,2-Trichloroethane	10.79	97	251279	49.322	ug/L	96
46) Tetrachloroethene	10.87	164	371629	51.359	ug/L	90
48) 2-Hexanone	10.97	43	202207	98.823	ug/L	99
49) Dibromochloromethane	11.13	129	321654	49.662	ug/L	91
50) 1,2-Dibromoethane	11.24	107	244165	48.985	ug/L	96
51) Chlorobenzene	11.66	112	1038698	50.101	ug/L	95
52) Ethylbenzene	11.73	91	1796949	51.503	ug/L	99
53) m,p-Xylene	11.84	106	712198	52.066	ug/L	98
54) o-Xylene	12.17	106	675043	52.343	ug/L	95
55) Styrene	12.18	104	1119116	52.250	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.71	83	265306	48.406	ug/L	99
59) Bromoform	12.35	173	185028	48.240	ug/L	100
60) Isopropylbenzene	12.46	105	1847085	50.372	ug/L	100
61) 1,2,3-Trichloropropane	12.77	75	187779	44.996	ug/L	100
62) 1,3,5-Trimethylbenzene	12.94	105	1546703	51.753	ug/L	99
63) 1,2,4-Trimethylbenzene	13.26	105	1447509	51.829	ug/L	100
64) 1,3-Dichlorobenzene	13.50	146	847852	49.602	ug/L	97
65) 1,4-Dichlorobenzene	13.58	146	838502	49.482	ug/L	98
67) 1,2-Dichlorobenzene	13.87	146	729796	48.517	ug/L	100
68) 1,2-Dibromo-3-chloropropan	14.49	75	41155	46.002	ug/L	90
69) 1,3,5-Trichlorobenzene	14.63	180	650050	51.924	ug/L	99
70) 1,2,4-trichlorobenzene	15.13	180	514356	52.050	ug/L	97
71) Naphthalene	15.37	128	844591	53.172	ug/L	99
72) 1,2,3-Trichlorobenzene	15.56	180	440086	52.747	ug/L	98

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

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