

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091820\
 Data File : VW016580.D
 Acq On : 18 Sep 2020 11:45
 Operator : SY/VA
 Sample : VSTD100103
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD100103

Quant Time: Sep 18 12:53:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SFAMWLM091820SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 18 12:48:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	558525	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	506654	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.56	152	245043	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	648410	103.93	ug/L	0.00
7) Chloroethane-d5	2.90	69	535510	104.55	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.03	63	1330509	101.06	ug/L	0.00
21) 2-Butanone-d5	7.09	46	296032	209.83	ug/L	0.00
24) Chloroform-d	7.65	84	1339676	101.80	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	678718	101.00	ug/L	0.00
32) Benzene-d6	8.28	84	2541274	98.20	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.28	67	700926	98.49	ug/L	0.00
41) Toluene-d8	10.33	98	2484249	98.42	ug/L	0.00
43) trans-1,3-Dichloropropene-	10.58	79	365980	106.02	ug/L	0.00
47) 2-Hexanone-d5	10.93	63	244366	218.18	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	12.69	84	569365	102.77	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.86	152	911987	102.77	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.02	85	698660	103.742	ug/L 93
3) Chloromethane	2.23	50	568369	106.494	ug/L 98
5) Vinyl chloride	2.38	62	754162	98.576	ug/L 100
6) Bromomethane	2.79	94	628888	107.004	ug/L 97
8) Chloroethane	2.94	64	466546	102.587	ug/L 98
9) Trichlorofluoromethane	3.28	101	804462	110.864	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	4.09	101	725366	100.704	ug/L 98
12) 1,1-Dichloroethene	4.05	96	725692	100.709	ug/L 92
13) Acetone	4.14	43	181208	185.949	ug/L 97
14) Carbon disulfide	4.40	76	2145839	100.302	ug/L 99
15) Methyl Acetate	4.68	43	247843	106.083	ug/L 98
16) Methylene chloride	4.93	84	678269	82.864	ug/L 95
17) trans-1,2-Dichloroethene	5.43	96	756189	101.171	ug/L 95
18) Methyl tert-butyl Ether	5.43	73	887019	96.615	ug/L 100
19) 1,1-Dichloroethane	6.23	63	1189171	100.440	ug/L 99
20) cis-1,2-Dichloroethene	7.18	96	778960	100.262	ug/L 94
22) 2-Butanone	7.18	43	305318	188.666	ug/L 99
23) Bromochloromethane	7.52	128	375351	102.757	ug/L 97
25) Chloroform	7.68	83	1289725	99.573	ug/L 99
27) 1,2-Dichloroethane	8.41	62	811785	100.940	ug/L 99
29) Cyclohexane	7.96	56	1080218	95.498	ug/L 100
30) 1,1,1-Trichloroethane	7.88	97	1167035	96.672	ug/L 100
31) Carbon tetrachloride	8.08	117	1153935	98.155	ug/L 99
33) Benzene	8.33	78	2646862	94.305	ug/L 100
34) Trichloroethene	9.10	95	789145	98.017	ug/L 97
35) Methylcyclohexane	9.34	83	1309599	97.379	ug/L 100
37) 1,2-Dichloropropane	9.37	63	612499	95.706	ug/L 100
38) Bromodichloromethane	9.65	83	951658	100.272	ug/L 98
39) cis-1,3-Dichloropropene	10.08	75	1107923	101.417	ug/L 100
40) 4-Methyl-2-pentanone	10.21	43	711605	198.449	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	10.39	91	3034170	95.957	ug/L	99
44) trans-1,3-Dichloropropene	10.61	75	973428	103.892	ug/L	99
45) 1,1,2-Trichloroethane	10.79	97	517204	99.500	ug/L	97
46) Tetrachloroethene	10.87	164	706319	97.258	ug/L	93
48) 2-Hexanone	10.97	43	482293	213.110	ug/L	99
49) Dibromochloromethane	11.13	129	710171	104.085	ug/L	99
50) 1,2-Dibromoethane	11.24	107	528526	102.663	ug/L	98
51) Chlorobenzene	11.66	112	2027890	96.713	ug/L	99
52) Ethylbenzene	11.73	91	3421335	96.099	ug/L	96
53) m,p-Xylene	11.84	106	1353539	97.593	ug/L	100
54) o-Xylene	12.17	106	1300088	99.037	ug/L	99
55) Styrene	12.18	104	2216121	101.389	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.72	83	571337	102.088	ug/L	98
59) Bromoform	12.35	173	448124	113.284	ug/L	97
60) Isopropylbenzene	12.47	105	3581784	100.117	ug/L	100
61) 1,2,3-Trichloropropane	12.77	75	416616	103.171	ug/L	100
62) 1,3,5-Trimethylbenzene	12.94	105	2971444	100.928	ug/L	100
63) 1,2,4-Trimethylbenzene	13.26	105	2943819	100.603	ug/L	98
64) 1,3-Dichlorobenzene	13.50	146	1596368	97.228	ug/L	94
65) 1,4-Dichlorobenzene	13.58	146	1593959	98.984	ug/L	97
67) 1,2-Dichlorobenzene	13.87	146	1435227	98.803	ug/L	98
68) 1,2-Dibromo-3-chloropropan	14.49	75	101402	106.830	ug/L	95
69) 1,3,5-Trichlorobenzene	14.63	180	1209453	99.800	ug/L	99
70) 1,2,4-trichlorobenzene	15.13	180	1052103	107.496	ug/L	97
71) Naphthalene	15.37	128	1869962	113.848	ug/L	99
72) 1,2,3-Trichlorobenzene	15.56	180	885190	107.716	ug/L	99

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

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