

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW123020\
 Data File : VW017775.D
 Acq On : 30 Dec 2020 11:07
 Operator : SY/VA
 Sample : VSTD00504
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 30 12:33:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SFAMWLM123020SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Dec 30 12:27:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	307736	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	286131	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.55	152	145482	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	25982	5.38	ug/L	0.00
7) Chloroethane-d5	2.88	69	22817	5.46	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.03	63	43367	5.04	ug/L	0.00
21) 2-Butanone-d5	7.08	46	12834m	11.81	ug/L	0.00
24) Chloroform-d	7.65	84	42981	5.02	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	25376	5.31	ug/L	0.00
32) Benzene-d6	8.27	84	82458	5.06	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.27	67	23897	5.09	ug/L	0.00
41) Toluene-d8	10.32	98	76825	4.91	ug/L	0.00
43) trans-1,3-Dichloropropene-	10.58	79	10070	4.42	ug/L	0.00
47) 2-Hexanone-d5	10.93	63	7521	9.68	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	12.69	84	21466	5.14	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.85	152	24959	4.84	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	18531	5.123 ug/L	93
3) Chloromethane	2.21	50	15478	4.885 ug/L	94
5) Vinyl chloride	2.36	62	26184	4.981 ug/L	97
6) Bromomethane	2.78	94	22268	4.921 ug/L	94
8) Chloroethane	2.92	64	16919	4.881 ug/L	99
9) Trichlorofluoromethane	3.26	101	17958	4.845 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	4.07	101	21046	5.186 ug/L #	84
12) 1,1-Dichloroethene	4.05	96	19054	4.930 ug/L	89
13) Acetone	4.12	43	8485	10.955 ug/L #	48
14) Carbon disulfide	4.39	76	51754	4.345 ug/L	99
15) Methyl Acetate	4.67	43	8833	4.814 ug/L	90
16) Methylene chloride	4.92	84	27591	5.691 ug/L	95
17) trans-1,2-Dichloroethene	5.42	96	20261	4.714 ug/L	98
18) Methyl tert-butyl Ether	5.43	73	27505	4.941 ug/L #	92
19) 1,1-Dichloroethane	6.22	63	37646	4.985 ug/L	97
20) cis-1,2-Dichloroethene	7.17	96	22427	4.865 ug/L	96
22) 2-Butanone	7.17	43	13995	11.542 ug/L	88
23) Bromochloromethane	7.51	128	9887	4.736 ug/L	94
25) Chloroform	7.67	83	40327	5.061 ug/L	98
27) 1,2-Dichloroethane	8.40	62	28415	5.099 ug/L #	90
29) Cyclohexane	7.96	56	32188	4.622 ug/L	99
30) 1,1,1-Trichloroethane	7.87	97	31742	4.746 ug/L	98
31) Carbon tetrachloride	8.07	117	29262	4.578 ug/L	98
33) Benzene	8.32	78	82022	4.806 ug/L	100
34) Trichloroethene	9.09	95	22133	4.780 ug/L	92
35) Methylcyclohexane	9.34	83	36772	4.628 ug/L	99
37) 1,2-Dichloropropane	9.37	63	20426	4.929 ug/L	99
38) Bromodichloromethane	9.64	83	27191	4.668 ug/L	97
39) cis-1,3-Dichloropropene	10.07	75	29628	4.385 ug/L	98
40) 4-Methyl-2-pentanone	10.21	43	25926	10.086 ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	10.39	91	90203	4.683	ug/L	96
44) trans-1,3-Dichloropropene	10.60	75	26826	4.392	ug/L	96
45) 1,1,2-Trichloroethane	10.79	97	16048	4.816	ug/L	95
46) Tetrachloroethene	10.87	164	16377	4.600	ug/L	96
48) 2-Hexanone	10.97	43	16766	9.429	ug/L	98
49) Dibromochloromethane	11.13	129	17616	4.465	ug/L	94
50) 1,2-Dibromoethane	11.24	107	15430	4.726	ug/L	99
51) Chlorobenzene	11.66	112	59300	4.880	ug/L	96
52) Ethylbenzene	11.73	91	103448	4.729	ug/L	96
53) m,p-Xylene	11.84	106	39501	4.699	ug/L	97
54) o-Xylene	12.16	106	37063	4.614	ug/L	100
55) Styrene	12.18	104	61790	4.519	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.71	83	21109	5.202	ug/L #	97
59) Bromoform	12.35	173	8835	4.184	ug/L	96
60) Isopropylbenzene	12.46	105	101425	4.786	ug/L	99
61) 1,2,3-Trichloropropane	12.77	75	15161	5.087	ug/L	95
62) 1,3,5-Trimethylbenzene	12.94	105	79260	4.595	ug/L	100
63) 1,2,4-Trimethylbenzene	13.25	105	81070	4.625	ug/L	100
64) 1,3-Dichlorobenzene	13.50	146	44310	4.819	ug/L	90
65) 1,4-Dichlorobenzene	13.58	146	44712	4.907	ug/L	96
67) 1,2-Dichlorobenzene	13.87	146	40438	4.847	ug/L	94
68) 1,2-Dibromo-3-chloropropan	14.48	75	3568	5.213	ug/L	91
69) 1,3,5-Trichlorobenzene	14.63	180	30920	4.940	ug/L	97
70) 1,2,4-trichlorobenzene	15.13	180	26375	4.883	ug/L	99
71) Naphthalene	15.36	128	56902	4.862	ug/L	99
72) 1,2,3-Trichlorobenzene	15.55	180	23216	4.914	ug/L	100

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

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