

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV120220\
 Data File : VW017519.D
 Acq On : 02 Dec 2020 10:56
 Operator : SY/VA
 Sample : VSTD05005
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD050105

Manual Integrations
 APPROVED

MMDadoda
 12/7/2020 12:05:44 PM

Quant Time: Dec 02 11:46:51 2020

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SFAMWLM120220SMA.M

Quant Title : SFAM01.0

QLast Update : Wed Dec 02 11:09:31 2020

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	503093	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	461135	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.56	152	232220	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	325514	67.29	ug/L	0.00
7) Chloroethane-d5	2.89	69	249860	57.61	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.03	63	673006	62.80	ug/L	0.00
21) 2-Butanone-d5	7.08	46	165270	137.26	ug/L	0.00
24) Chloroform-d	7.65	84	676161	61.50	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.30	65	356757	65.91	ug/L	0.00
32) Benzene-d6	8.28	84	1308535	60.63	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.28	67	372926	62.64	ug/L	0.00
41) Toluene-d8	10.32	98	1221574	59.46	ug/L	0.00
43) trans-1,3-Dichloropropene-	10.58	79	179330	67.98	ug/L	0.00
47) 2-Hexanone-d5	10.93	63	120693	132.07	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	12.69	84	305722	65.08	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.85	152	431819	57.82	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	183532	32.689	ug/L 96
3) Chloromethane	2.22	50	197471	40.217	ug/L 99
5) Vinyl chloride	2.37	62	278039	45.574	ug/L 99
6) Bromomethane	2.78	94	192020	40.214	ug/L 97
8) Chloroethane	2.93	64	177352	42.493	ug/L 98
9) Trichlorofluoromethane	3.27	101	292328	57.656	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	4.07	101	319217	47.265	ug/L 99
12) 1,1-Dichloroethene	4.05	96	306668	48.292	ug/L 91
13) Acetone	4.13	43	132354	125.604	ug/L 95
14) Carbon disulfide	4.39	76	838804	47.380	ug/L 99
15) Methyl Acetate	4.67	43	132751	61.024	ug/L 97
16) Methylene chloride	4.92	84	303131	41.949	ug/L 98
17) trans-1,2-Dichloroethene	5.43	96	320825	47.367	ug/L 99
18) Methyl tert-butyl Ether	5.43	73	385332	53.129	ug/L 99
19) 1,1-Dichloroethane	6.22	63	549751	51.441	ug/L 98
20) cis-1,2-Dichloroethene	7.17	96	344783	49.681	ug/L 99
22) 2-Butanone	7.17	43	185159m	128.680	ug/L
23) Bromochloromethane	7.52	128	159656	48.732	ug/L 96
25) Chloroform	7.68	83	583415	50.776	ug/L 100
27) 1,2-Dichloroethane	8.40	62	372909	53.832	ug/L 98
29) Cyclohexane	7.96	56	490338	51.472	ug/L 99
30) 1,1,1-Trichloroethane	7.88	97	493098	50.797	ug/L 99
31) Carbon tetrachloride	8.07	117	489836	51.833	ug/L 100
33) Benzene	8.33	78	1240472	49.960	ug/L 100
34) Trichloroethene	9.10	95	339017	48.317	ug/L 98
35) Methylcyclohexane	9.34	83	561514	48.442	ug/L 98
37) 1,2-Dichloropropane	9.37	63	298923	52.000	ug/L 99
38) Bromodichloromethane	9.65	83	425037	52.859	ug/L 99
39) cis-1,3-Dichloropropene	10.07	75	502713	55.506	ug/L 99
40) 4-Methyl-2-pentanone	10.21	43	358715	120.834	ug/L 99

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 Quant Title : SFAM01.0
 QLast Update : Wed Dec 02 11:09:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	10.39	91	1349394	49.278	ug/L	98
44) trans-1,3-Dichloropropene	10.61	75	452253	58.075	ug/L	99
45) 1,1,2-Trichloroethane	10.79	97	239621	51.581	ug/L	98
46) Tetrachloroethene	10.87	164	282626	44.786	ug/L	97
48) 2-Hexanone	10.97	43	262171	130.140	ug/L	98
49) Dibromochloromethane	11.13	129	311690	54.395	ug/L	96
50) 1,2-Dibromoethane	11.24	107	236560	53.032	ug/L	96
51) Chlorobenzene	11.66	112	879576	48.030	ug/L	99
52) Ethylbenzene	11.73	91	1547116	50.068	ug/L	99
53) m,p-Xylene	11.84	106	581378	48.620	ug/L	94
54) o-Xylene	12.17	106	557066	49.159	ug/L	96
55) Styrene	12.18	104	966362	51.057	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.72	83	281314	55.125	ug/L	96
59) Bromoform	12.35	173	181090	54.145	ug/L	98
60) Isopropylbenzene	12.47	105	1519150	49.729	ug/L	99
61) 1,2,3-Trichloropropane	12.77	75	207143	55.599	ug/L	99
62) 1,3,5-Trimethylbenzene	12.94	105	1276839	50.544	ug/L	98
63) 1,2,4-Trimethylbenzene	13.26	105	1260960	52.531	ug/L	99
64) 1,3-Dichlorobenzene	13.50	146	705718	47.918	ug/L	98
65) 1,4-Dichlorobenzene	13.58	146	703686	48.060	ug/L	96
67) 1,2-Dichlorobenzene	13.87	146	634952	49.432	ug/L	97
68) 1,2-Dibromo-3-chloropropan	14.49	75	48997	61.869	ug/L	93
69) 1,3,5-Trichlorobenzene	14.63	180	526298	48.652	ug/L	99
70) 1,2,4-trichlorobenzene	15.13	180	452370	51.932	ug/L	97
71) Naphthalene	15.37	128	800764	56.141	ug/L	100
72) 1,2,3-Trichlorobenzene	15.55	180	381402	51.112	ug/L	97

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

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