

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV123020\
 Data File : VW017780.D
 Acq On : 30 Dec 2020 13:40
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 31 05:57:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SFAMWLM123020SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Dec 30 19:04:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	302018	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	287808	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.56	152	150618	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	128370	25.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.04%
7) Chloroethane-d5	2.89	69	107702	24.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.56%
11) 1,1-Dichloroethene-d2	4.03	63	214993	24.88	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	99.52%
21) 2-Butanone-d5	7.07	46	59424	45.83	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.66%
24) Chloroform-d	7.65	84	209648	24.48	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.92%
26) 1,2-Dichloroethane-d4	8.31	65	119325	24.04	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.16%
32) Benzene-d6	8.27	84	401294	24.06	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.24%
36) 1,2-Dichloropropane-d6	9.27	67	113090	23.70	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.80%
41) Toluene-d8	10.32	98	383273	23.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.84%
43) trans-1,3-Dichloropropene-	10.58	79	55156	24.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.20%
47) 2-Hexanone-d5	10.93	63	44337	49.74	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.48%
56) 1,1,2,2-Tetrachloroethane-	12.69	84	112578	24.38	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.52%
66) 1,2-Dichlorobenzene-d4	13.85	152	135017	24.17	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.68%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	94365	25.928	ug/L 99
3) Chloromethane	2.21	50	83212	26.284	ug/L 100
5) Vinyl chloride	2.36	62	139988	26.818	ug/L 99
6) Bromomethane	2.78	94	113013	24.467	ug/L 98
8) Chloroethane	2.92	64	93429	27.066	ug/L 99
9) Trichlorofluoromethane	3.26	101	99111	27.921	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	4.07	101	107710	26.475	ug/L 98
12) 1,1-Dichloroethene	4.04	96	103041	26.706	ug/L 91
13) Acetone	4.12	43	39612	45.003	ug/L 89
14) Carbon disulfide	4.39	76	307526	27.803	ug/L 99
15) Methyl Acetate	4.67	43	51470	27.070	ug/L 97
16) Methylene chloride	4.92	84	109010	22.389	ug/L 97
17) trans-1,2-Dichloroethene	5.42	96	110152	26.642	ug/L 100
18) Methyl tert-butyl Ether	5.42	73	141007	26.771	ug/L 99
19) 1,1-Dichloroethane	6.21	63	193679	26.442	ug/L 98
20) cis-1,2-Dichloroethene	7.17	96	115881	26.193	ug/L 98
22) 2-Butanone	7.17	43	71346	48.780	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	52401	25.883	ug/L	95
25) Chloroform	7.67	83	204106	26.270	ug/L	98
27) 1,2-Dichloroethane	8.40	62	146193	26.349	ug/L	100
29) Cyclohexane	7.96	56	182158	26.968	ug/L	99
30) 1,1,1-Trichloroethane	7.87	97	173962	26.287	ug/L	98
31) Carbon tetrachloride	8.07	117	166732	26.823	ug/L	98
33) Benzene	8.32	78	444964	26.475	ug/L	100
34) Trichloroethene	9.09	95	118823	25.887	ug/L	94
35) Methylcyclohexane	9.34	83	213110	27.115	ug/L	99
37) 1,2-Dichloropropane	9.37	63	108363	26.638	ug/L	98
38) Bromodichloromethane	9.65	83	149888	26.087	ug/L	96
39) cis-1,3-Dichloropropene	10.07	75	176185	27.127	ug/L	99
40) 4-Methyl-2-pentanone	10.21	43	151846	52.588	ug/L	99
42) Toluene	10.38	91	507348	26.653	ug/L	99
44) trans-1,3-Dichloropropene	10.60	75	162475	27.434	ug/L	99
45) 1,1,2-Trichloroethane	10.79	97	87498	25.626	ug/L	97
46) Tetrachloroethene	10.86	164	94397	26.837	ug/L	95
48) 2-Hexanone	10.97	43	109403	54.083	ug/L	99
49) Dibromochloromethane	11.13	129	103691	26.463	ug/L	93
50) 1,2-Dibromoethane	11.23	107	89502	26.529	ug/L	98
51) Chlorobenzene	11.66	112	316793	26.228	ug/L	98
52) Ethylbenzene	11.73	91	575606	26.478	ug/L	100
53) m,p-Xylene	11.84	106	221448	26.330	ug/L	100
54) o-Xylene	12.16	106	211080	26.591	ug/L	99
55) Styrene	12.18	104	361866	26.643	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.71	83	116832	26.316	ug/L	99
59) Bromoform	12.35	173	61185	27.138	ug/L	99
60) Isopropylbenzene	12.46	105	592752	26.964	ug/L	99
61) 1,2,3-Trichloropropane	12.77	75	86275	26.070	ug/L	99
62) 1,3,5-Trimethylbenzene	12.94	105	479384	27.412	ug/L	100
63) 1,2,4-Trimethylbenzene	13.25	105	482700	27.122	ug/L	98
64) 1,3-Dichlorobenzene	13.50	146	254195	26.784	ug/L	91
65) 1,4-Dichlorobenzene	13.58	146	252226	26.756	ug/L	97
67) 1,2-Dichlorobenzene	13.87	146	229959	27.003	ug/L	98
68) 1,2-Dibromo-3-chloropropan	14.48	75	20314	25.652	ug/L	97
69) 1,3,5-Trichlorobenzene	14.63	180	174525	27.181	ug/L	97
70) 1,2,4-trichlorobenzene	15.13	180	147590	26.548	ug/L	96
71) Naphthalene	15.36	128	344667	26.905	ug/L	99
72) 1,2,3-Trichlorobenzene	15.55	180	134386	27.502	ug/L	98

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

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