

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV123020\
 Data File : VW017783.D
 Acq On : 30 Dec 2020 16:36
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 31 06:02:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SFAMWLM123020SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 31 06:01:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	324293	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	305141	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.55	152	163325	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	126540	22.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.84%
7) Chloroethane-d5	2.89	69	107952	22.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.12%
11) 1,1-Dichloroethene-d2	4.03	63	215650	23.25	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.00%
21) 2-Butanone-d5	7.07	46	63603	45.68	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.36%
24) Chloroform-d	7.65	84	221274	24.07	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.28%
26) 1,2-Dichloroethane-d4	8.31	65	127607	23.95	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.80%
32) Benzene-d6	8.27	84	422539	23.90	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.60%
36) 1,2-Dichloropropane-d6	9.27	67	121570	24.03	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.12%
41) Toluene-d8	10.32	98	405903	23.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.72%
43) trans-1,3-Dichloropropene-	10.58	79	58696	24.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.56%
47) 2-Hexanone-d5	10.93	63	47703	50.47	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.94%
56) 1,1,2,2-Tetrachloroethane-	12.69	84	122291	24.98	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.92%
66) 1,2-Dichlorobenzene-d4	13.85	152	143663	23.72	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.88%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.01	85	84159	21.536	ug/L	97
3) Chloromethane	2.21	50	75123	22.099	ug/L	97
5) Vinyl chloride	2.36	62	137280	24.493	ug/L	100
6) Bromomethane	2.78	94	106015	21.375	ug/L	100
8) Chloroethane	2.92	64	93404	25.200	ug/L	98
9) Trichlorofluoromethane	3.26	101	87649	22.996	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	4.06	101	104903	24.014	ug/L	99
12) 1,1-Dichloroethene	4.04	96	101738	24.557	ug/L	83
13) Acetone	4.12	43	45129	47.750	ug/L	96
14) Carbon disulfide	4.39	76	302817	25.497	ug/L	99
15) Methyl Acetate	4.67	43	52787	25.855	ug/L #	81
16) Methylene chloride	4.92	84	115138	22.024	ug/L	98
17) trans-1,2-Dichloroethene	5.42	96	114391	25.767	ug/L	94
18) Methyl tert-butyl Ether	5.42	73	145097	25.656	ug/L	99
19) 1,1-Dichloroethane	6.21	63	199059	25.309	ug/L	100
20) cis-1,2-Dichloroethene	7.17	96	121200	25.514	ug/L	99
22) 2-Butanone	7.17	43	72468	46.144	ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	55325	25.450	ug/L	97
25) Chloroform	7.67	83	211953	25.406	ug/L	97
27) 1,2-Dichloroethane	8.40	62	154661	25.960	ug/L	99
29) Cyclohexane	7.96	56	181061	25.283	ug/L	99
30) 1,1,1-Trichloroethane	7.87	97	175147	24.963	ug/L	98
31) Carbon tetrachloride	8.07	117	163800	24.855	ug/L	100
33) Benzene	8.32	78	457861	25.695	ug/L	100
34) Trichloroethene	9.09	95	121388	24.944	ug/L	92
35) Methylcyclohexane	9.34	83	216139	25.938	ug/L	99
37) 1,2-Dichloropropane	9.37	63	112337	26.046	ug/L	99
38) Bromodichloromethane	9.64	83	156851	25.748	ug/L	98
39) cis-1,3-Dichloropropene	10.07	75	185304	26.911	ug/L	100
40) 4-Methyl-2-pentanone	10.21	43	157996	51.610	ug/L	99
42) Toluene	10.38	91	513422	25.440	ug/L	97
44) trans-1,3-Dichloropropene	10.60	75	168082	26.769	ug/L	96
45) 1,1,2-Trichloroethane	10.79	97	92238	25.480	ug/L	98
46) Tetrachloroethene	10.86	164	95489	25.606	ug/L	88
48) 2-Hexanone	10.97	43	114351	53.318	ug/L	98
49) Dibromochloromethane	11.13	129	110503	26.599	ug/L	91
50) 1,2-Dibromoethane	11.23	107	93755	26.211	ug/L	94
51) Chlorobenzene	11.65	112	330433	25.803	ug/L	97
52) Ethylbenzene	11.73	91	593887	25.767	ug/L	99
53) m,p-Xylene	11.84	106	231528	25.964	ug/L	93
54) o-Xylene	12.16	106	218279	25.936	ug/L	100
55) Styrene	12.18	104	381051	26.462	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.71	83	122994	26.130	ug/L	99
59) Bromoform	12.35	173	61528	25.167	ug/L	100
60) Isopropylbenzene	12.46	105	601056	25.215	ug/L	99
61) 1,2,3-Trichloropropane	12.77	75	90525	25.226	ug/L	98
62) 1,3,5-Trimethylbenzene	12.94	105	499212	26.325	ug/L	99
63) 1,2,4-Trimethylbenzene	13.25	105	500302	25.924	ug/L	99
64) 1,3-Dichlorobenzene	13.50	146	257178	24.990	ug/L	95
65) 1,4-Dichlorobenzene	13.58	146	255304	24.975	ug/L	98
67) 1,2-Dichlorobenzene	13.87	146	239749	25.962	ug/L	98
68) 1,2-Dibromo-3-chloropropan	14.48	75	21336	24.846	ug/L	93
69) 1,3,5-Trichlorobenzene	14.63	180	178124	25.583	ug/L	96
70) 1,2,4-trichlorobenzene	15.13	180	157844	26.183	ug/L	98
71) Naphthalene	15.36	128	366144	26.357	ug/L	99
72) 1,2,3-Trichlorobenzene	15.55	180	136450	25.752	ug/L	98

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

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