

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120220\
 Data File : VW017525.D
 Acq On : 02 Dec 2020 17:02
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025109

Quant Time: Dec 03 03:20:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SFAMWLM120220SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 03 02:40:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	473555	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	441517	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.56	152	223099	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	128590	20.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.72%
7) Chloroethane-d5	2.89	69	102306	21.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.80%
11) 1,1-Dichloroethene-d2	4.03	63	276628	21.79	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.16%
21) 2-Butanone-d5	7.08	46	69835	45.57	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.14%
24) Chloroform-d	7.65	84	278453	21.98	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.92%
26) 1,2-Dichloroethane-d4	8.31	65	143571	21.42	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.68%
32) Benzene-d6	8.28	84	522129	21.27	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.08%
36) 1,2-Dichloropropane-d6	9.28	67	152971	21.71	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.84%
41) Toluene-d8	10.33	98	491217	21.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.48%
43) trans-1,3-Dichloropropene-	10.58	79	71276	21.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.72%
47) 2-Hexanone-d5	10.93	63	47387	47.25	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.50%
56) 1,1,2,2-Tetrachloroethane-	12.69	84	124856	22.05	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.20%
66) 1,2-Dichlorobenzene-d4	13.85	152	180610	22.00	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	87642	24.209	ug/L 97
3) Chloromethane	2.22	50	91741	23.707	ug/L 99
5) Vinyl chloride	2.37	62	135339	24.432	ug/L 100
6) Bromomethane	2.79	94	94430	25.070	ug/L 98
8) Chloroethane	2.93	64	86254	24.787	ug/L 99
9) Trichlorofluoromethane	3.27	101	132576	24.614	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	4.07	101	156524	25.087	ug/L 99
12) 1,1-Dichloroethene	4.06	96	146579	24.671	ug/L # 79
13) Acetone	4.13	43	67231	55.437	ug/L 98
14) Carbon disulfide	4.40	76	403605	24.328	ug/L 97
15) Methyl Acetate	4.68	43	68847	27.815	ug/L 99
16) Methylene chloride	4.93	84	161256	23.518	ug/L 94
17) trans-1,2-Dichloroethene	5.43	96	155266	25.207	ug/L 98
18) Methyl tert-butyl Ether	5.43	73	194479	27.377	ug/L 99
19) 1,1-Dichloroethane	6.22	63	272785	25.618	ug/L 99
20) cis-1,2-Dichloroethene	7.18	96	167771	25.431	ug/L 97
22) 2-Butanone	7.17	43	93453	51.363	ug/L # 68

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	78841	25.553	ug/L	98
25) Chloroform	7.68	83	291085	25.601	ug/L	98
27) 1,2-Dichloroethane	8.40	62	189187	26.154	ug/L	97
29) Cyclohexane	7.96	56	237959	25.848	ug/L	99
30) 1,1,1-Trichloroethane	7.87	97	243769	25.182	ug/L	100
31) Carbon tetrachloride	8.07	117	233885	24.810	ug/L	99
33) Benzene	8.33	78	611511	25.239	ug/L	100
34) Trichloroethene	9.09	95	164850	24.656	ug/L	99
35) Methylcyclohexane	9.34	83	273481	25.394	ug/L	98
37) 1,2-Dichloropropane	9.37	63	151674	25.639	ug/L	100
38) Bromodichloromethane	9.65	83	210683	25.485	ug/L	98
39) cis-1,3-Dichloropropene	10.07	75	243771	26.184	ug/L	100
40) 4-Methyl-2-pentanone	10.21	43	181124	54.490	ug/L	100
42) Toluene	10.39	91	679069	26.063	ug/L	98
44) trans-1,3-Dichloropropene	10.61	75	219400	26.293	ug/L	99
45) 1,1,2-Trichloroethane	10.79	97	123838	26.480	ug/L	96
46) Tetrachloroethene	10.86	164	134571	24.256	ug/L	94
48) 2-Hexanone	10.97	43	127094	55.293	ug/L	98
49) Dibromochloromethane	11.13	129	150172	25.759	ug/L	90
50) 1,2-Dibromoethane	11.24	107	119816	26.238	ug/L	91
51) Chlorobenzene	11.66	112	439760	25.493	ug/L	99
52) Ethylbenzene	11.73	91	757573	25.715	ug/L	99
53) m,p-Xylene	11.84	106	288978	25.958	ug/L	96
54) o-Xylene	12.17	106	275424	26.059	ug/L	97
55) Styrene	12.18	104	478780	26.515	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.71	83	145092	26.607	ug/L	99
59) Bromoform	12.35	173	90535	26.161	ug/L	100
60) Isopropylbenzene	12.47	105	755972	25.906	ug/L	100
61) 1,2,3-Trichloropropane	12.77	75	108087	26.458	ug/L	99
62) 1,3,5-Trimethylbenzene	12.94	105	622969	26.201	ug/L	97
63) 1,2,4-Trimethylbenzene	13.26	105	635888	27.068	ug/L	99
64) 1,3-Dichlorobenzene	13.50	146	357037	25.749	ug/L	95
65) 1,4-Dichlorobenzene	13.58	146	353496	25.109	ug/L	98
67) 1,2-Dichlorobenzene	13.87	146	323096	25.676	ug/L	98
68) 1,2-Dibromo-3-chloropropan	14.49	75	25533	27.285	ug/L	84
69) 1,3,5-Trichlorobenzene	14.63	180	257702	25.418	ug/L	98
70) 1,2,4-trichlorobenzene	15.13	180	224853	26.392	ug/L	98
71) Naphthalene	15.36	128	416881	29.161	ug/L	100
72) 1,2,3-Trichlorobenzene	15.56	180	208613	28.381	ug/L	95

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

