

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010421\
 Data File : VW017788.D
 Acq On : 04 Jan 2021 15:59
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025109

Quant Time: Jan 04 17:11:59 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SFAMWLM123020SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Jan 04 13:03:14 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	317970	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	300913	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.56	152	152048	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	119962	22.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.80%
7) Chloroethane-d5	2.89	69	101178	21.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.16%
11) 1,1-Dichloroethene-d2	4.03	63	215676	23.71	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.84%
21) 2-Butanone-d5	7.08	46	54847	40.18	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.36%
24) Chloroform-d	7.65	84	216416	24.01	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.04%
26) 1,2-Dichloroethane-d4	8.31	65	121516	23.26	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.04%
32) Benzene-d6	8.27	84	413495	23.71	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.84%
36) 1,2-Dichloropropane-d6	9.27	67	117810	23.61	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.44%
41) Toluene-d8	10.32	98	393401	23.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.08%
43) trans-1,3-Dichloropropene-	10.58	79	56424	23.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.12%
47) 2-Hexanone-d5	10.92	63	38421	41.22	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.44%
56) 1,1,2,2-Tetrachloroethane-	12.69	84	106815	22.13	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.52%
66) 1,2-Dichlorobenzene-d4	13.85	152	136270	24.16	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.64%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	92801	24.219	ug/L 98
3) Chloromethane	2.21	50	76948	23.086	ug/L 96
5) Vinyl chloride	2.37	62	136650	24.865	ug/L 98
6) Bromomethane	2.78	94	105770	21.750	ug/L 97
8) Chloroethane	2.92	64	87479	24.071	ug/L 98
9) Trichlorofluoromethane	3.26	101	97727	26.150	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	4.07	101	107813	25.171	ug/L 99
12) 1,1-Dichloroethene	4.04	96	103815	25.557	ug/L 92
13) Acetone	4.12	43	39299	42.408	ug/L 97
14) Carbon disulfide	4.39	76	310325	26.649	ug/L 99
15) Methyl Acetate	4.67	43	47194	23.576	ug/L 99
16) Methylene chloride	4.92	84	107018	20.877	ug/L 98
17) trans-1,2-Dichloroethene	5.42	96	112291	25.797	ug/L 96
18) Methyl tert-butyl Ether	5.42	73	145486	26.236	ug/L 99
19) 1,1-Dichloroethane	6.21	63	200598	26.012	ug/L 97
20) cis-1,2-Dichloroethene	7.17	96	118679	25.480	ug/L 98
22) 2-Butanone	7.17	43	60671	39.401	ug/L 99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010421\
 Data File : VW017788.D
 Acq On : 04 Jan 2021 15:59
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025109

Quant Time: Jan 04 17:11:59 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SFAMWLM123020SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Jan 04 13:03:14 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	53492	25.096	ug/L	92
25) Chloroform	7.68	83	208107	25.441	ug/L	98
27) 1,2-Dichloroethane	8.40	62	148036	25.343	ug/L	100
29) Cyclohexane	7.95	56	184914	26.184	ug/L	99
30) 1,1,1-Trichloroethane	7.87	97	178780	25.839	ug/L	99
31) Carbon tetrachloride	8.07	117	170667	26.261	ug/L	99
33) Benzene	8.32	78	451244	25.679	ug/L	100
34) Trichloroethene	9.09	95	121215	25.258	ug/L	98
35) Methylcyclohexane	9.34	83	217159	26.426	ug/L	99
37) 1,2-Dichloropropane	9.37	63	108898	25.604	ug/L	99
38) Bromodichloromethane	9.64	83	156312	26.020	ug/L	98
39) cis-1,3-Dichloropropene	10.07	75	177576	26.151	ug/L	99
40) 4-Methyl-2-pentanone	10.21	43	129604	42.930	ug/L	99
42) Toluene	10.38	91	509349	25.592	ug/L	100
44) trans-1,3-Dichloropropene	10.60	75	163813	26.456	ug/L	99
45) 1,1,2-Trichloroethane	10.79	97	87691	24.564	ug/L	98
46) Tetrachloroethene	10.86	164	95707	26.025	ug/L	94
48) 2-Hexanone	10.97	43	92050	43.523	ug/L	97
49) Dibromochloromethane	11.13	129	105091	25.652	ug/L	97
50) 1,2-Dibromoethane	11.23	107	85987	24.377	ug/L	97
51) Chlorobenzene	11.66	112	326105	25.823	ug/L	99
52) Ethylbenzene	11.73	91	585951	25.780	ug/L	96
53) m,p-Xylene	11.84	106	222893	25.347	ug/L	97
54) o-Xylene	12.16	106	211111	25.437	ug/L	99
55) Styrene	12.18	104	369908	26.049	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.71	83	109530	23.597	ug/L	99
59) Bromoform	12.35	173	56821	24.966	ug/L	99
60) Isopropylbenzene	12.46	105	588054	26.499	ug/L	99
61) 1,2,3-Trichloropropane	12.77	75	81368	24.356	ug/L	99
62) 1,3,5-Trimethylbenzene	12.94	105	472003	26.736	ug/L	99
63) 1,2,4-Trimethylbenzene	13.25	105	488838	27.208	ug/L	98
64) 1,3-Dichlorobenzene	13.50	146	248164	25.903	ug/L	96
65) 1,4-Dichlorobenzene	13.58	146	242221	25.453	ug/L	97
67) 1,2-Dichlorobenzene	13.87	146	222071	25.831	ug/L	99
68) 1,2-Dibromo-3-chloropropan	14.48	75	18469	23.103	ug/L	95
69) 1,3,5-Trichlorobenzene	14.63	180	164466	25.373	ug/L	94
70) 1,2,4-trichlorobenzene	15.13	180	140975	25.119	ug/L	99
71) Naphthalene	15.36	128	307074	23.745	ug/L	99
72) 1,2,3-Trichlorobenzene	15.55	180	122423	24.819	ug/L	98

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

