

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010421\
 Data File : VW017785.D
 Acq On : 04 Jan 2021 10:07
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025108

Quant Time: Jan 04 13:04:04 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SFAMWLM123020SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Jan 04 11:10:48 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	372364	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	352521	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.56	152	181564	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	136922	21.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.52%
7) Chloroethane-d5	2.89	69	116801	21.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.92%
11) 1,1-Dichloroethene-d2	4.03	63	249624	23.43	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.72%
21) 2-Butanone-d5	7.07	46	59871	37.45	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.90%
24) Chloroform-d	7.65	84	246379	23.34	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.36%
26) 1,2-Dichloroethane-d4	8.30	65	136825	22.36	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.44%
32) Benzene-d6	8.27	84	474758	23.24	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.96%
36) 1,2-Dichloropropane-d6	9.27	67	134637	23.04	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.16%
41) Toluene-d8	10.32	98	449979	22.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.84%
43) trans-1,3-Dichloropropene-	10.58	79	67593	24.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.24%
47) 2-Hexanone-d5	10.93	63	44099	40.39	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.78%
56) 1,1,2,2-Tetrachloroethane-	12.69	84	116084	20.53	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.12%
66) 1,2-Dichlorobenzene-d4	13.85	152	152377	22.63	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.52%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	108440	24.167	ug/L 97
3) Chloromethane	2.21	50	93221	23.883	ug/L 98
5) Vinyl chloride	2.37	62	154072	23.940	ug/L 98
6) Bromomethane	2.78	94	120799	21.212	ug/L 99
8) Chloroethane	2.93	64	100445	23.601	ug/L 98
9) Trichlorofluoromethane	3.27	101	126390	28.879	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	4.07	101	126982	25.315	ug/L 99
12) 1,1-Dichloroethene	4.04	96	121704m	25.584	ug/L
13) Acetone	4.12	43	43119	39.733	ug/L 91
14) Carbon disulfide	4.38	76	365221	26.782	ug/L 98
15) Methyl Acetate	4.67	43	54527	23.260	ug/L 99
16) Methylene chloride	4.92	84	124912	20.809	ug/L 99
17) trans-1,2-Dichloroethene	5.43	96	130986	25.696	ug/L 94
18) Methyl tert-butyl Ether	5.42	73	168158	25.895	ug/L 99
19) 1,1-Dichloroethane	6.21	63	232824	25.781	ug/L 97
20) cis-1,2-Dichloroethene	7.16	96	140566	25.771	ug/L 100
22) 2-Butanone	7.17	43	70004	38.821	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	62500	25.039	ug/L	94
25) Chloroform	7.67	83	240346	25.090	ug/L	98
27) 1,2-Dichloroethane	8.40	62	169322	24.752	ug/L	99
29) Cyclohexane	7.96	56	213613	25.819	ug/L	99
30) 1,1,1-Trichloroethane	7.87	97	207412	25.588	ug/L	99
31) Carbon tetrachloride	8.07	117	197502	25.941	ug/L	99
33) Benzene	8.32	78	526768	25.589	ug/L	100
34) Trichloroethene	9.09	95	142469	25.341	ug/L	96
35) Methylcyclohexane	9.34	83	248483	25.812	ug/L	100
37) 1,2-Dichloropropane	9.37	63	127406	25.570	ug/L	99
38) Bromodichloromethane	9.64	83	180553	25.656	ug/L	96
39) cis-1,3-Dichloropropene	10.07	75	213850	26.882	ug/L	99
40) 4-Methyl-2-pentanone	10.21	43	151606	42.867	ug/L	99
42) Toluene	10.39	91	582814	24.997	ug/L	96
44) trans-1,3-Dichloropropene	10.60	75	192880	26.590	ug/L	97
45) 1,1,2-Trichloroethane	10.79	97	100869	24.119	ug/L	98
46) Tetrachloroethene	10.86	164	110838	25.727	ug/L	92
48) 2-Hexanone	10.97	43	107772	43.496	ug/L	99
49) Dibromochloromethane	11.13	129	123173	25.664	ug/L	94
50) 1,2-Dibromoethane	11.24	107	99321	24.035	ug/L	99
51) Chlorobenzene	11.66	112	372305	25.166	ug/L	96
52) Ethylbenzene	11.73	91	669447	25.142	ug/L	100
53) m,p-Xylene	11.84	106	257142	24.961	ug/L	99
54) o-Xylene	12.16	106	244583	25.155	ug/L	100
55) Styrene	12.18	104	415429	24.972	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.71	83	120904	22.234	ug/L	97
59) Bromoform	12.35	173	67774	24.937	ug/L	99
60) Isopropylbenzene	12.46	105	677697	25.574	ug/L	100
61) 1,2,3-Trichloropropane	12.77	75	90288	22.633	ug/L	99
62) 1,3,5-Trimethylbenzene	12.94	105	561063	26.615	ug/L	98
63) 1,2,4-Trimethylbenzene	13.25	105	562438	26.216	ug/L	98
64) 1,3-Dichlorobenzene	13.50	146	293314	25.639	ug/L	99
65) 1,4-Dichlorobenzene	13.58	146	285864	25.155	ug/L	99
67) 1,2-Dichlorobenzene	13.86	146	257843	25.116	ug/L	98
68) 1,2-Dibromo-3-chloropropan	14.48	75	21428	22.447	ug/L	97
69) 1,3,5-Trichlorobenzene	14.63	180	205871	26.598	ug/L	99
70) 1,2,4-trichlorobenzene	15.13	180	170908	25.502	ug/L	98
71) Naphthalene	15.36	128	357012	23.118	ug/L	99
72) 1,2,3-Trichlorobenzene	15.55	180	149735	25.421	ug/L	96

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

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