

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW021720\
 Data File : VW014999.D
 Acq On : 17 Feb 2020 11:49
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025311

Quant Time: Feb 18 04:17:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SFAMWLM021320SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Feb 17 14:05:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	726390	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	691342	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.55	152	314366	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	323736	22.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.52%
7) Chloroethane-d5	2.89	69	262917	23.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.36%
11) 1,1-Dichloroethene-d2	4.03	63	596356	22.72	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.88%
21) 2-Butanone-d5	7.07	46	217853	53.43	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.86%
24) Chloroform-d	7.64	84	570078	24.43	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.72%
26) 1,2-Dichloroethane-d4	8.30	65	345849	25.27	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.08%
32) Benzene-d6	8.27	84	1115795	23.95	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.80%
36) 1,2-Dichloropropane-d6	9.27	67	384728	24.01	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.04%
41) Toluene-d8	10.32	98	967308	24.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.44%
43) trans-1,3-Dichloropropene-	10.57	79	154029	25.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.24%
47) 2-Hexanone-d5	10.92	63	161347	56.62	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.24%
56) 1,1,2,2-Tetrachloroethane-	12.69	84	318068	26.60	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.40%
66) 1,2-Dichlorobenzene-d4	13.85	152	287388	24.29	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.16%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	156943	21.749	ug/L 99
3) Chloromethane	2.21	50	292504	21.554	ug/L 98
5) Vinyl chloride	2.36	62	402552	23.043	ug/L 98
6) Bromomethane	2.78	94	187727	23.691	ug/L 98
8) Chloroethane	2.92	64	228577	24.458	ug/L 98
9) Trichlorofluoromethane	3.25	101	151728	21.993	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	4.06	101	267110	23.663	ug/L 99
12) 1,1-Dichloroethene	4.04	96	263799	24.369	ug/L 98
13) Acetone	4.12	43	232179	54.551	ug/L 97
14) Carbon disulfide	4.39	76	939849	24.016	ug/L 99
15) Methyl Acetate	4.67	43	204834	27.736	ug/L 99
16) Methylene chloride	4.91	84	325481	24.250	ug/L 94
17) trans-1,2-Dichloroethene	5.42	96	277081	25.367	ug/L 99
18) Methyl tert-butyl Ether	5.42	73	375018	27.817	ug/L 99
19) 1,1-Dichloroethane	6.21	63	619596	25.394	ug/L 99
20) cis-1,2-Dichloroethene	7.17	96	298657	26.529	ug/L 96
22) 2-Butanone	7.17	43	301620	58.951	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	121665	26.644	ug/L	97
25) Chloroform	7.67	83	565171	25.997	ug/L	99
27) 1,2-Dichloroethane	8.40	62	433973	27.163	ug/L	99
29) Cyclohexane	7.95	56	552883	24.526	ug/L	100
30) 1,1,1-Trichloroethane	7.87	97	409447	24.348	ug/L	99
31) Carbon tetrachloride	8.06	117	366673	24.190	ug/L	100
33) Benzene	8.32	78	1301019	25.631	ug/L	100
34) Trichloroethene	9.09	95	295973	24.347	ug/L	96
35) Methylcyclohexane	9.33	83	514792	24.552	ug/L	99
37) 1,2-Dichloropropane	9.37	63	367734	25.939	ug/L	100
38) Bromodichloromethane	9.64	83	415902	26.053	ug/L	98
39) cis-1,3-Dichloropropene	10.07	75	513600	27.079	ug/L	100
40) 4-Methyl-2-pentanone	10.21	43	592831	58.738	ug/L	100
42) Toluene	10.38	91	1297353	26.452	ug/L	98
44) trans-1,3-Dichloropropene	10.60	75	431144	27.401	ug/L	98
45) 1,1,2-Trichloroethane	10.78	97	232876	27.079	ug/L	98
46) Tetrachloroethene	10.86	164	190832	24.173	ug/L	98
48) 2-Hexanone	10.96	43	440652	59.921	ug/L	99
49) Dibromochloromethane	11.13	129	242492	27.062	ug/L	98
50) 1,2-Dibromoethane	11.23	107	212710	27.437	ug/L	99
51) Chlorobenzene	11.65	112	742736	25.672	ug/L	99
52) Ethylbenzene	11.73	91	1411464	26.420	ug/L	100
53) m,p-Xylene	11.83	106	500806	26.716	ug/L	96
54) o-Xylene	12.16	106	477017	27.100	ug/L	95
55) Styrene	12.18	104	851191	28.051	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.71	83	322489	28.025	ug/L	99
59) Bromoform	12.35	173	128486	26.732	ug/L	99
60) Isopropylbenzene	12.46	105	1269687	25.800	ug/L	100
61) 1,2,3-Trichloropropane	12.77	75	246280	26.732	ug/L	99
62) 1,3,5-Trimethylbenzene	12.94	105	1054988	26.887	ug/L	99
63) 1,2,4-Trimethylbenzene	13.25	105	1053978	27.456	ug/L	99
64) 1,3-Dichlorobenzene	13.50	146	525274	25.892	ug/L	99
65) 1,4-Dichlorobenzene	13.57	146	535810	25.623	ug/L	98
67) 1,2-Dichlorobenzene	13.87	146	498375	26.550	ug/L	99
68) 1,2-Dibromo-3-chloropropan	14.48	75	53327	27.680	ug/L	96
69) 1,3,5-Trichlorobenzene	14.63	180	355320	26.136	ug/L	99
70) 1,2,4-trichlorobenzene	15.13	180	284550	27.922	ug/L	98
71) Naphthalene	15.36	128	297501	28.426	ug/L	99
72) 1,2,3-Trichlorobenzene	15.55	180	275475	29.171	ug/L	99

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

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