

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122820\
 Data File : VW017766.D
 Acq On : 28 Dec 2020 17:41
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025103

Quant Time: Dec 29 04:13:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SFAMWLM122820SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Dec 29 04:12:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	339827	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	328086	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.56	152	173406	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	116185	22.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.08%
7) Chloroethane-d5	2.89	69	108787	24.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.12%
11) 1,1-Dichloroethene-d2	4.02	63	215099	23.09	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.36%
21) 2-Butanone-d5	7.08	46	69893	59.76	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.52%
24) Chloroform-d	7.65	84	232946	24.80	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.20%
26) 1,2-Dichloroethane-d4	8.31	65	138435	26.35	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.40%
32) Benzene-d6	8.27	84	445236	23.94	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.76%
36) 1,2-Dichloropropane-d6	9.27	67	130743	24.44	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.76%
41) Toluene-d8	10.32	98	421210	23.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.48%
43) trans-1,3-Dichloropropene-	10.58	79	65178	25.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.04%
47) 2-Hexanone-d5	10.93	63	52495	60.84	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.68%
56) 1,1,2,2-Tetrachloroethane-	12.69	84	134631	28.64	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	114.56%
66) 1,2-Dichlorobenzene-d4	13.85	152	157958	26.03	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.12%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	91151	23.159	ug/L 99
3) Chloromethane	2.21	50	81511	23.855	ug/L 100
5) Vinyl chloride	2.37	62	138895	24.356	ug/L 97
6) Bromomethane	2.78	94	126296	26.224	ug/L 98
8) Chloroethane	2.92	64	94735	25.189	ug/L 96
9) Trichlorofluoromethane	3.26	101	91650	22.452	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	4.06	101	109515	24.642	ug/L 98
12) 1,1-Dichloroethene	4.05	96	106783	25.195	ug/L 82
13) Acetone	4.13	43	45187	51.112	ug/L 93
14) Carbon disulfide	4.39	76	320548	24.419	ug/L 98
15) Methyl Acetate	4.67	43	56036	28.276	ug/L 97
16) Methylene chloride	4.92	84	117062	21.892	ug/L 96
17) trans-1,2-Dichloroethene	5.42	96	117163	24.621	ug/L 98
18) Methyl tert-butyl Ether	5.43	73	161384	26.039	ug/L 99
19) 1,1-Dichloroethane	6.21	63	204937	24.633	ug/L 98
20) cis-1,2-Dichloroethene	7.17	96	128308	25.173	ug/L 100
22) 2-Butanone	7.17	43	77723	58.803	ug/L 99

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 Quant Title : SFAM01.0
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	60297	26.209	ug/L	93
25) Chloroform	7.68	83	221486	25.171	ug/L	98
27) 1,2-Dichloroethane	8.40	62	163720	26.719	ug/L	98
29) Cyclohexane	7.96	56	188400	23.645	ug/L	98
30) 1,1,1-Trichloroethane	7.87	97	182023	23.613	ug/L	99
31) Carbon tetrachloride	8.07	117	172810	23.523	ug/L	99
33) Benzene	8.32	78	476444	24.268	ug/L	100
34) Trichloroethene	9.09	95	128479	24.155	ug/L	97
35) Methylcyclohexane	9.34	83	221553	24.325	ug/L	99
37) 1,2-Dichloropropane	9.37	63	116246	24.429	ug/L	99
38) Bromodichloromethane	9.65	83	167903	25.001	ug/L	100
39) cis-1,3-Dichloropropene	10.07	75	198350	25.363	ug/L	100
40) 4-Methyl-2-pentanone	10.21	43	169499	58.820	ug/L	99
42) Toluene	10.38	91	545361	24.656	ug/L	100
44) trans-1,3-Dichloropropene	10.60	75	182303	25.948	ug/L	100
45) 1,1,2-Trichloroethane	10.79	97	100211	26.264	ug/L	99
46) Tetrachloroethene	10.86	164	99635	24.236	ug/L	96
48) 2-Hexanone	10.97	43	124309	63.039	ug/L	96
49) Dibromochloromethane	11.13	129	118426	26.037	ug/L	98
50) 1,2-Dibromoethane	11.23	107	100575	27.092	ug/L	92
51) Chlorobenzene	11.66	112	351461	25.113	ug/L	98
52) Ethylbenzene	11.73	91	620110	24.802	ug/L	98
53) m,p-Xylene	11.84	106	240013	24.862	ug/L	95
54) o-Xylene	12.16	106	228821	24.848	ug/L	100
55) Styrene	12.18	104	395306	25.075	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.71	83	132037	28.817	ug/L	95
59) Bromoform	12.35	173	67779	27.050	ug/L #	99
60) Isopropylbenzene	12.46	105	619325	24.547	ug/L	100
61) 1,2,3-Trichloropropane	12.77	75	98852	28.328	ug/L	99
62) 1,3,5-Trimethylbenzene	12.94	105	511582	24.769	ug/L	99
63) 1,2,4-Trimethylbenzene	13.25	105	528112	25.405	ug/L	98
64) 1,3-Dichlorobenzene	13.50	146	274255	25.072	ug/L	99
65) 1,4-Dichlorobenzene	13.58	146	278972	25.542	ug/L	99
67) 1,2-Dichlorobenzene	13.87	146	257197	25.737	ug/L	97
68) 1,2-Dibromo-3-chloropropan	14.48	75	22516	28.258	ug/L	91
69) 1,3,5-Trichlorobenzene	14.63	180	188109	25.402	ug/L	98
70) 1,2,4-trichlorobenzene	15.13	180	158806	24.786	ug/L	96
71) Naphthalene	15.36	128	381895	27.729	ug/L	100
72) 1,2,3-Trichlorobenzene	15.55	180	142177	25.038	ug/L	100

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

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