

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092620\
 Data File : VW016651.D
 Acq On : 25 Sep 2020 12:40
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025111

Quant Time: Sep 26 00:08:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SFAMWLM091820SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Sep 22 16:17:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	610923	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	545904	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.56	152	275666	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	173253	25.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.56%
7) Chloroethane-d5	2.90	69	147008	26.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.96%
11) 1,1-Dichloroethene-d2	4.03	63	380057	26.39	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	105.56%
21) 2-Butanone-d5	7.09	46	92987	60.26	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.52%
24) Chloroform-d	7.65	84	419826	29.17	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	116.68%
26) 1,2-Dichloroethane-d4	8.31	65	218538	29.73	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	118.92%
32) Benzene-d6	8.28	84	782737	28.07	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	112.28%
36) 1,2-Dichloropropane-d6	9.27	67	218491	28.49	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	113.96%
41) Toluene-d8	10.32	98	758197	27.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	111.52%
43) trans-1,3-Dichloropropene-	10.58	79	108339	29.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	116.52%
47) 2-Hexanone-d5	10.93	63	76303	63.23	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	126.46%
56) 1,1,2,2-Tetrachloroethane-	12.69	84	186319	31.21	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	124.84%#
66) 1,2-Dichlorobenzene-d4	13.86	152	288886	28.94	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	115.76%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.03	85	169755	23.045 ug/L	96
3) Chloromethane	2.23	50	131489	22.524 ug/L	100
5) Vinyl chloride	2.37	62	191135	22.840 ug/L	99
6) Bromomethane	2.79	94	141571	22.022 ug/L	97
8) Chloroethane	2.94	64	113167	22.750 ug/L	98
9) Trichlorofluoromethane	3.27	101	183607	23.133 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	4.08	101	198109	25.145 ug/L	98
12) 1,1-Dichloroethene	4.05	96	192500	24.428 ug/L	96
13) Acetone	4.15	43	52355	50.287 ug/L	74
14) Carbon disulfide	4.39	76	527910	22.560 ug/L	99
15) Methyl Acetate	4.68	43	64346	25.180 ug/L	100
16) Methylene chloride	4.92	84	187914	20.988 ug/L	94
17) trans-1,2-Dichloroethene	5.43	96	197633	24.174 ug/L	98
18) Methyl tert-butyl Ether	5.43	73	251656	25.060 ug/L	99
19) 1,1-Dichloroethane	6.23	63	316295	24.424 ug/L	99
20) cis-1,2-Dichloroethene	7.17	96	210390	24.757 ug/L	98
22) 2-Butanone	7.18	43	80870	45.686 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	99642	24.939	ug/L	95
25) Chloroform	7.68	83	352589	24.887	ug/L	99
27) 1,2-Dichloroethane	8.40	62	221317	25.159	ug/L	97
29) Cyclohexane	7.96	56	278242	22.830	ug/L	99
30) 1,1,1-Trichloroethane	7.88	97	315606	24.264	ug/L	99
31) Carbon tetrachloride	8.07	117	314360	24.817	ug/L	100
33) Benzene	8.33	78	728975	24.105	ug/L	100
34) Trichloroethene	9.09	95	212000	24.439	ug/L	97
35) Methylcyclohexane	9.34	83	343218	23.686	ug/L	99
37) 1,2-Dichloropropane	9.37	63	168413	24.423	ug/L	99
38) Bromodichloromethane	9.65	83	252256	24.668	ug/L	97
39) cis-1,3-Dichloropropene	10.07	75	290226	24.657	ug/L	98
40) 4-Methyl-2-pentanone	10.21	43	188451	48.776	ug/L	99
42) Toluene	10.39	91	832716	24.442	ug/L	98
44) trans-1,3-Dichloropropene	10.61	75	252844	25.045	ug/L	98
45) 1,1,2-Trichloroethane	10.79	97	140986	25.173	ug/L	95
46) Tetrachloroethene	10.86	164	189827	24.259	ug/L	97
48) 2-Hexanone	10.97	43	126453	52.636	ug/L	100
49) Dibromochloromethane	11.13	129	188142	25.592	ug/L	99
50) 1,2-Dibromoethane	11.24	107	138555	24.979	ug/L	94
51) Chlorobenzene	11.66	112	561760	24.865	ug/L	96
52) Ethylbenzene	11.73	91	939771	24.499	ug/L	100
53) m,p-Xylene	11.84	106	367333	24.581	ug/L	94
54) o-Xylene	12.17	106	349021	24.676	ug/L	100
55) Styrene	12.18	104	589843	25.045	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.71	83	153656	25.482	ug/L	99
59) Bromoform	12.35	173	111753	25.113	ug/L	100
60) Isopropylbenzene	12.47	105	980325	24.358	ug/L	100
61) 1,2,3-Trichloropropane	12.77	75	111783	24.607	ug/L	99
62) 1,3,5-Trimethylbenzene	12.94	105	823969	24.878	ug/L	100
63) 1,2,4-Trimethylbenzene	13.25	105	805543	24.471	ug/L	98
64) 1,3-Dichlorobenzene	13.50	146	445903	24.141	ug/L	98
65) 1,4-Dichlorobenzene	13.58	146	446969	24.673	ug/L	99
67) 1,2-Dichlorobenzene	13.87	146	409224	25.042	ug/L	94
68) 1,2-Dibromo-3-chloropropan	14.49	75	25843	24.202	ug/L	94
69) 1,3,5-Trichlorobenzene	14.63	180	328056	24.063	ug/L	98
70) 1,2,4-trichlorobenzene	15.13	180	282044	25.616	ug/L	99
71) Naphthalene	15.37	128	490946	26.570	ug/L	99
72) 1,2,3-Trichlorobenzene	15.56	180	239337	25.889	ug/L	97

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

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