

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV122820\
 Data File : VW017762.D
 Acq On : 28 Dec 2020 14:09
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025102

Quant Time: Dec 29 04:07:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SFAMWLM122820SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Dec 28 13:52:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	361185	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	342294	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.55	152	182392	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	124981	23.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.16%
7) Chloroethane-d5	2.89	69	111212	23.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.36%
11) 1,1-Dichloroethene-d2	4.03	63	236940	23.93	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	95.72%
21) 2-Butanone-d5	7.08	46	63663	51.21	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.42%
24) Chloroform-d	7.65	84	243591	24.40	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.60%
26) 1,2-Dichloroethane-d4	8.31	65	138601	24.82	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.28%
32) Benzene-d6	8.27	84	468973	24.17	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.68%
36) 1,2-Dichloropropane-d6	9.27	67	133396	23.90	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.60%
41) Toluene-d8	10.32	98	446641	24.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.04%
43) trans-1,3-Dichloropropene-	10.58	79	67004	24.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.60%
47) 2-Hexanone-d5	10.93	63	45427	50.46	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.92%
56) 1,1,2,2-Tetrachloroethane-	12.69	84	127251	25.95	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.80%
66) 1,2-Dichlorobenzene-d4	13.85	152	158319	24.80	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	92765	22.175	ug/L 96
3) Chloromethane	2.21	50	88031	24.240	ug/L 99
5) Vinyl chloride	2.37	62	153602	25.342	ug/L 99
6) Bromomethane	2.78	94	137246	26.812	ug/L 98
8) Chloroethane	2.92	64	102420	25.622	ug/L 100
9) Trichlorofluoromethane	3.26	101	110880	25.557	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	4.07	101	123262	26.095	ug/L 99
12) 1,1-Dichloroethene	4.04	96	117762	26.143	ug/L 97
13) Acetone	4.13	43	49874	53.077	ug/L 98
14) Carbon disulfide	4.39	76	368924	26.442	ug/L 97
15) Methyl Acetate	4.67	43	55159	26.187	ug/L 99
16) Methylene chloride	4.92	84	128403	22.593	ug/L 96
17) trans-1,2-Dichloroethene	5.43	96	130046	25.712	ug/L 99
18) Methyl tert-butyl Ether	5.43	73	176182	26.746	ug/L 99
19) 1,1-Dichloroethane	6.22	63	229838	25.993	ug/L 97
20) cis-1,2-Dichloroethene	7.17	96	140173	25.874	ug/L 97
22) 2-Butanone	7.18	43	77583	55.226	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	63449	25.948	ug/L	95
25) Chloroform	7.68	83	243376	26.023	ug/L	96
27) 1,2-Dichloroethane	8.40	62	174099	26.733	ug/L	98
29) Cyclohexane	7.96	56	212222	25.530	ug/L	98
30) 1,1,1-Trichloroethane	7.87	97	206551	25.682	ug/L	99
31) Carbon tetrachloride	8.07	117	194795	25.415	ug/L	100
33) Benzene	8.32	78	529248	25.838	ug/L	100
34) Trichloroethene	9.09	95	143671	25.890	ug/L	98
35) Methylcyclohexane	9.34	83	252088	26.529	ug/L	100
37) 1,2-Dichloropropane	9.37	63	128317	25.846	ug/L	99
38) Bromodichloromethane	9.65	83	183693	26.217	ug/L	94
39) cis-1,3-Dichloropropene	10.07	75	217514	26.659	ug/L	100
40) 4-Methyl-2-pentanone	10.21	43	165758	55.134	ug/L	98
42) Toluene	10.39	91	604053	26.176	ug/L	98
44) trans-1,3-Dichloropropene	10.60	75	195786	26.711	ug/L	100
45) 1,1,2-Trichloroethane	10.79	97	104754	26.315	ug/L	99
46) Tetrachloroethene	10.87	164	114839	26.775	ug/L	93
48) 2-Hexanone	10.97	43	120360	58.503	ug/L	95
49) Dibromochloromethane	11.13	129	125861	26.523	ug/L	88
50) 1,2-Dibromoethane	11.24	107	104207	26.905	ug/L	94
51) Chlorobenzene	11.66	112	381055	26.098	ug/L	97
52) Ethylbenzene	11.73	91	693748	26.596	ug/L	98
53) m,p-Xylene	11.84	106	269028	26.711	ug/L	98
54) o-Xylene	12.16	106	255757	26.620	ug/L	96
55) Styrene	12.18	104	441114	26.819	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.71	83	134016	28.035	ug/L	100
59) Bromoform	12.35	173	71308	27.056	ug/L	100
60) Isopropylbenzene	12.46	105	703242	26.500	ug/L	100
61) 1,2,3-Trichloropropane	12.77	75	97378	26.531	ug/L	100
62) 1,3,5-Trimethylbenzene	12.94	105	582567	26.816	ug/L	99
63) 1,2,4-Trimethylbenzene	13.25	105	588144	26.899	ug/L	99
64) 1,3-Dichlorobenzene	13.50	146	307500	26.727	ug/L	99
65) 1,4-Dichlorobenzene	13.58	146	305507	26.593	ug/L	97
67) 1,2-Dichlorobenzene	13.87	146	279375	26.579	ug/L	98
68) 1,2-Dibromo-3-chloropropan	14.48	75	22903	27.328	ug/L	88
69) 1,3,5-Trichlorobenzene	14.63	180	205468	26.379	ug/L	98
70) 1,2,4-trichlorobenzene	15.13	180	186896	27.733	ug/L	98
71) Naphthalene	15.36	128	406436	28.057	ug/L	99
72) 1,2,3-Trichlorobenzene	15.55	180	157670	26.399	ug/L	98

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

