

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV112520\
 Data File : VV019437.D
 Acq On : 25 Nov 2020 09:23
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05071

Quant Time: Nov 26 00:21:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM112320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 25 08:54:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	425772	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	425437	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	241036	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	168955	39.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.46%
7) Chloroethane-d5	1.58	69	144872	41.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.72%
11) 1,1-Dichloroethene-d2	2.12	63	333787	44.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.20%
21) 2-Butanone-d5	3.89	46	229446	88.53	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.53%
24) Chloroform-d	4.37	84	300352	43.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.38%
26) 1,2-Dichloroethane-d4	5.05	65	194566	43.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.48%
32) Benzene-d6	5.07	84	563491	44.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.60%
36) 1,2-Dichloropropane-d6	6.09	67	188955	45.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.30%
41) Toluene-d8	7.33	98	507803	45.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.12%
43) trans-1,3-Dichloropropene-	7.64	79	94236	46.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.24%
47) 2-Hexanone-d5	8.10	63	152325	92.38	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.38%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	243415	44.93	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.86%
64) 1,2-Dichlorobenzene-d4	11.64	152	201127	42.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.94%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	173706	50.475	ug/L 98
3) Chloromethane	1.25	50	212976	46.018	ug/L 100
5) Vinyl chloride	1.32	62	215794	48.799	ug/L 97
6) Bromomethane	1.53	94	144663	50.179	ug/L 99
8) Chloroethane	1.59	64	137075	48.706	ug/L 99
9) Trichlorofluoromethane	1.76	101	283483	51.057	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	159207	53.322	ug/L 99
12) 1,1-Dichloroethene	2.13	96	153678	49.438	ug/L 90
13) Acetone	2.18	43	219943	110.984	ug/L 96
14) Carbon disulfide	2.31	76	454844	50.412	ug/L 100
15) Methyl Acetate	2.44	43	188942	47.088	ug/L 97
16) Methylene chloride	2.52	84	168997	46.936	ug/L 98
17) trans-1,2-Dichloroethene	2.78	96	153637	49.972	ug/L 98
18) Methyl tert-butyl Ether	2.78	73	485417	49.652	ug/L 99
19) 1,1-Dichloroethane	3.21	63	309713	49.111	ug/L 99
20) cis-1,2-Dichloroethene	3.93	96	162906	48.217	ug/L 95
22) 2-Butanone	3.98	43	272386	103.639	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	84997	47.502	ug/L	96
25) Chloroform	4.40	83	306392	48.062	ug/L	99
27) 1,2-Dichloroethane	5.15	62	246201	49.220	ug/L	98
29) Cyclohexane	4.70	56	261712	58.766	ug/L	98
30) 1,1,1-Trichloroethane	4.63	97	265583	51.681	ug/L	99
31) Carbon tetrachloride	4.85	117	230261	52.193	ug/L	98
33) Benzene	5.12	78	659641	51.810	ug/L	100
34) Trichloroethene	5.93	95	178456	50.262	ug/L	99
35) Methylcyclohexane	6.15	83	251358	60.163	ug/L	100
37) 1,2-Dichloropropane	6.19	63	180374	51.363	ug/L	99
38) Bromodichloromethane	6.53	83	232372	49.909	ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	272069	52.449	ug/L	100
40) 4-Methyl-2-pentanone	7.24	43	499189	100.809	ug/L	99
42) Toluene	7.41	91	693684	52.522	ug/L	98
44) trans-1,3-Dichloropropene	7.67	75	272470	52.733	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	161257	49.038	ug/L	99
46) Tetrachloroethene	7.99	164	128531	52.124	ug/L	96
48) 2-Hexanone	8.15	43	407746	103.965	ug/L	99
49) Dibromochloromethane	8.26	129	179949	49.513	ug/L	100
50) 1,2-Dibromoethane	8.37	107	169136	48.465	ug/L	98
51) Chlorobenzene	8.90	112	431389	49.511	ug/L	99
52) Ethylbenzene	9.03	91	759502	53.586	ug/L	98
53) m,p-Xylene	9.15	106	279119	53.224	ug/L	98
54) o-xylene	9.56	106	269317	52.743	ug/L	100
55) Styrene	9.58	104	500775	54.785	ug/L	98
56) Isopropylbenzene	9.95	105	729657	54.542	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	244626	48.668	ug/L	99
59) 1,2,3-Trichloropropane	10.29	75	217423	47.133	ug/L	98
61) Bromoform	9.75	173	130594	47.392	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	346376	49.396	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	360944	48.973	ug/L	100
65) 1,2-Dichlorobenzene	11.66	146	347755	48.305	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	58214	46.730	ug/L	93
67) 1,3,5-Trichlorobenzene	12.67	180	264268	51.772	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	235151	52.033	ug/L	100
69) Naphthalene	13.52	128	565414	49.202	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	239527	50.707	ug/L	99

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

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