

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102120\
 Data File : VV019039.D
 Acq On : 21 Oct 2020 09:38
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05068

Quant Time: Oct 22 06:04:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 22 00:28:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	335532	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	300274	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	166046	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	120881	43.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.54%
7) Chloroethane-d5	1.58	69	99461	45.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.90%
11) 1,1-Dichloroethene-d2	2.12	63	242136	46.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.88%
21) 2-Butanone-d5	3.91	46	153191	79.57	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	79.57%
24) Chloroform-d	4.37	84	209400	42.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.40%
26) 1,2-Dichloroethane-d4	5.05	65	148432	45.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.12%
32) Benzene-d6	5.07	84	424266	48.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.80%
36) 1,2-Dichloropropane-d6	6.09	67	139808	49.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.76%
41) Toluene-d8	7.33	98	370049	47.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.12%
43) trans-1,3-Dichloropropene-	7.64	79	64312	46.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.88%
47) 2-Hexanone-d5	8.11	63	95645	91.86	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.86%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	149603	45.54	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.08%
64) 1,2-Dichlorobenzene-d4	11.65	152	149026	44.11	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.22%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	126350	43.488	ug/L 99
3) Chloromethane	1.25	50	143176	43.696	ug/L 99
5) Vinyl chloride	1.32	62	150090	47.392	ug/L 98
6) Bromomethane	1.53	94	90773	46.979	ug/L 99
8) Chloroethane	1.60	64	93220	49.078	ug/L 99
9) Trichlorofluoromethane	1.76	101	207701	49.688	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	115713	53.161	ug/L 98
12) 1,1-Dichloroethene	2.13	96	105440	47.801	ug/L 96
13) Acetone	2.19	43	172344	122.511	ug/L 98
14) Carbon disulfide	2.31	76	330014	43.913	ug/L 100
15) Methyl Acetate	2.45	43	136108	47.099	ug/L 96
16) Methylene chloride	2.52	84	120796	45.648	ug/L 99
17) trans-1,2-Dichloroethene	2.78	96	107587	43.938	ug/L 95
18) Methyl tert-butyl Ether	2.78	73	351591	45.446	ug/L 99
19) 1,1-Dichloroethane	3.21	63	204079	42.841	ug/L 100
20) cis-1,2-Dichloroethene	3.93	96	110295	42.499	ug/L 98
22) 2-Butanone	3.99	43	183075	95.714	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	58072	43.327	ug/L	94
25) Chloroform	4.40	83	209994	43.838	ug/L	99
27) 1,2-Dichloroethane	5.15	62	184041	47.032	ug/L	98
29) Cyclohexane	4.70	56	182785	51.222	ug/L	99
30) 1,1,1-Trichloroethane	4.63	97	186842	50.147	ug/L	99
31) Carbon tetrachloride	4.85	117	169856	53.563	ug/L	99
33) Benzene	5.12	78	469035	50.956	ug/L	100
34) Trichloroethene	5.94	95	137541	51.816	ug/L	98
35) Methylcyclohexane	6.15	83	176961	55.046	ug/L	99
37) 1,2-Dichloropropane	6.19	63	134044	54.399	ug/L	100
38) Bromodichloromethane	6.53	83	170658	54.020	ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	184542	49.842	ug/L	99
40) 4-Methyl-2-pentanone	7.24	43	318827	93.825	ug/L	99
42) Toluene	7.41	91	472194	49.669	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	183283	51.082	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	106333	46.392	ug/L	99
46) Tetrachloroethene	7.99	164	92425	49.407	ug/L	99
48) 2-Hexanone	8.15	43	261723	97.139	ug/L	100
49) Dibromochloromethane	8.26	129	120600	49.700	ug/L	99
50) 1,2-Dibromoethane	8.37	107	110931	46.440	ug/L	99
51) Chlorobenzene	8.90	112	299303	48.290	ug/L	99
52) Ethylbenzene	9.03	91	519963	50.524	ug/L	99
53) m,p-Xylene	9.16	106	193429	50.449	ug/L	99
54) o-xylene	9.56	106	184738	50.363	ug/L	99
55) Styrene	9.58	104	335951	52.069	ug/L	100
56) Isopropylbenzene	9.95	105	501318	52.059	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.26	83	146294	47.006	ug/L	99
59) 1,2,3-Trichloropropane	10.29	75	140402	47.072	ug/L	99
61) Bromoform	9.75	173	86943	47.932	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	245792	47.749	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	253897	46.915	ug/L	99
65) 1,2-Dichlorobenzene	11.66	146	247298	47.617	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	34031	43.971	ug/L	97
67) 1,3,5-Trichlorobenzene	12.67	180	169034	48.884	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	156360	49.073	ug/L	100
69) Naphthalene	13.52	128	429738	47.525	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	158058	49.627	ug/L	99

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

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