

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100820\
 Data File : VV018757.D
 Acq On : 08 Oct 2020 10:47
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05078

Quant Time: Oct 09 07:12:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 08 02:46:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	341389	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	366658	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	180034	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	108267	54.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	108.14%
7) Chloroethane-d5	1.58	69	92512	55.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	111.76%
11) 1,1-Dichloroethene-d2	2.12	63	233820	57.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	114.64%
21) 2-Butanone-d5	3.90	46	160398	107.40	ug/L	-0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.40%
24) Chloroform-d	4.37	84	229851	53.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.18%
26) 1,2-Dichloroethane-d4	5.05	65	152385	55.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.88%
32) Benzene-d6	5.07	84	433561	46.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.36%
36) 1,2-Dichloropropane-d6	6.09	67	129853	46.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.54%
41) Toluene-d8	7.33	98	368438	42.17	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.34%
43) trans-1,3-Dichloropropene-	7.64	79	68140	44.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.90%
47) 2-Hexanone-d5	8.10	63	95545	89.64	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.64%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	156891	42.17	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.34%
64) 1,2-Dichlorobenzene-d4	11.65	152	149456	43.17	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.34%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	102827	44.298	ug/L 100
3) Chloromethane	1.25	50	139267	56.071	ug/L 100
5) Vinyl chloride	1.32	62	142984	54.754	ug/L 99
6) Bromomethane	1.53	94	85528	48.122	ug/L 97
8) Chloroethane	1.59	64	91910	57.114	ug/L 99
9) Trichlorofluoromethane	1.76	101	206338	51.988	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	116179	52.300	ug/L 95
12) 1,1-Dichloroethene	2.13	96	110491	51.846	ug/L 87
13) Acetone	2.18	43	169209	131.140	ug/L 96
14) Carbon disulfide	2.31	76	322690	46.742	ug/L 100
15) Methyl Acetate	2.44	43	135660	54.574	ug/L 94
16) Methylene chloride	2.52	84	123903	48.441	ug/L 91
17) trans-1,2-Dichloroethene	2.78	96	109816	45.033	ug/L 89
18) Methyl tert-butyl Ether	2.78	73	370046	49.805	ug/L 98
19) 1,1-Dichloroethane	3.21	63	222143	52.027	ug/L 99
20) cis-1,2-Dichloroethene	3.93	96	120812	46.617	ug/L 88
22) 2-Butanone	3.98	43	199233	122.231	ug/L 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	66012	46.321	ug/L #	83
25) Chloroform	4.40	83	248831	55.192	ug/L	98
27) 1,2-Dichloroethane	5.15	62	195858	55.736	ug/L	99
29) Cyclohexane	4.70	56	212514	50.818	ug/L	91
30) 1,1,1-Trichloroethane	4.63	97	212442	46.671	ug/L	97
31) Carbon tetrachloride	4.85	117	184159	45.079	ug/L	100
33) Benzene	5.12	78	513525	47.673	ug/L	100
34) Trichloroethene	5.93	95	137216	43.877	ug/L	95
35) Methylcyclohexane	6.15	83	169307	40.133	ug/L	92
37) 1,2-Dichloropropane	6.19	63	130264	47.135	ug/L	99
38) Bromodichloromethane	6.53	83	171810	46.421	ug/L	98
39) cis-1,3-Dichloropropene	7.05	75	202022	46.591	ug/L	98
40) 4-Methyl-2-pentanone	7.24	43	372972	104.587	ug/L	96
42) Toluene	7.41	91	518633	44.507	ug/L	98
44) trans-1,3-Dichloropropene	7.67	75	204881	48.101	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	121458	44.395	ug/L	99
46) Tetrachloroethene	7.99	164	102231	40.295	ug/L	98
48) 2-Hexanone	8.15	43	299845	107.763	ug/L	95
49) Dibromochloromethane	8.26	129	133612	42.699	ug/L	100
50) 1,2-Dibromoethane	8.37	107	128674	44.236	ug/L	100
51) Chlorobenzene	8.90	112	362279	45.955	ug/L	95
52) Ethylbenzene	9.03	91	617714	47.467	ug/L	98
53) m,p-Xylene	9.16	106	233217	46.372	ug/L	99
54) o-xylene	9.56	106	219268	46.050	ug/L	96
55) Styrene	9.58	104	389746	47.009	ug/L	93
56) Isopropylbenzene	9.95	105	546152	42.768	ug/L	98
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	164020	42.533	ug/L	99
59) 1,2,3-Trichloropropane	10.29	75	155309	46.201	ug/L	100
61) Bromoform	9.75	173	96064	46.453	ug/L	98
62) 1,3-Dichlorobenzene	11.20	146	267389	45.892	ug/L	98
63) 1,4-Dichlorobenzene	11.29	146	272930	45.490	ug/L	97
65) 1,2-Dichlorobenzene	11.67	146	263502	45.715	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.45	75	37281	47.379	ug/L	89
67) 1,3,5-Trichlorobenzene	12.67	180	174958	43.350	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	167646	44.639	ug/L	99
69) Naphthalene	13.52	128	521025	48.465	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	172335	45.711	ug/L	99

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

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