

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101020\
 Data File : VV018825.D
 Acq On : 10 Oct 2020 11:17
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05083

Quant Time: Oct 12 04:45:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 09 23:43:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	333128	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	322618	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	181800	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	130813	43.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.44%
7) Chloroethane-d5	1.58	69	104713	42.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.96%
11) 1,1-Dichloroethene-d2	2.12	63	258109	44.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.46%
21) 2-Butanone-d5	3.90	46	193115	103.91	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.91%
24) Chloroform-d	4.37	84	241402	45.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.40%
26) 1,2-Dichloroethane-d4	5.05	65	156732	43.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.60%
32) Benzene-d6	5.07	84	445124	42.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.74%
36) 1,2-Dichloropropane-d6	6.09	67	155983	46.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.14%
41) Toluene-d8	7.33	98	444013	48.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.36%
43) trans-1,3-Dichloropropene-	7.64	79	78934	47.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.40%
47) 2-Hexanone-d5	8.10	63	115217	97.10	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.10%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	171453	44.02	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.04%
64) 1,2-Dichlorobenzene-d4	11.65	152	177694	44.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.32%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	142754	66.387	ug/L 100
3) Chloromethane	1.25	50	161306	57.178	ug/L 100
5) Vinyl chloride	1.32	62	159316	54.164	ug/L 99
6) Bromomethane	1.53	94	96474	55.656	ug/L 99
8) Chloroethane	1.59	64	98158	50.970	ug/L 97
9) Trichlorofluoromethane	1.76	101	220019	51.163	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	118479	49.480	ug/L 99
12) 1,1-Dichloroethene	2.13	96	114850	49.814	ug/L 96
13) Acetone	2.18	43	184622	119.185	ug/L 100
14) Carbon disulfide	2.31	76	373399	54.712	ug/L 100
15) Methyl Acetate	2.44	43	151695	50.129	ug/L 100
16) Methylene chloride	2.52	84	134869	47.519	ug/L 99
17) trans-1,2-Dichloroethene	2.78	96	123092	50.580	ug/L 97
18) Methyl tert-butyl Ether	2.78	73	408501	50.058	ug/L 99
19) 1,1-Dichloroethane	3.21	63	226834	47.494	ug/L 99
20) cis-1,2-Dichloroethene	3.94	96	133157	51.772	ug/L 100
22) 2-Butanone	3.98	43	223367	123.063	ug/L 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	68298	51.219	ug/L	98
25) Chloroform	4.40	83	237902	48.534	ug/L	98
27) 1,2-Dichloroethane	5.15	62	192839	48.356	ug/L	97
29) Cyclohexane	4.70	56	202652	51.869	ug/L	98
30) 1,1,1-Trichloroethane	4.63	97	202563	47.109	ug/L	100
31) Carbon tetrachloride	4.85	117	173795	47.956	ug/L	98
33) Benzene	5.12	78	493742	48.239	ug/L	100
34) Trichloroethene	5.94	95	144400	49.019	ug/L	99
35) Methylcyclohexane	6.15	83	196174	54.425	ug/L	98
37) 1,2-Dichloropropane	6.19	63	145068	51.598	ug/L	100
38) Bromodichloromethane	6.53	83	185556	51.968	ug/L	99
39) cis-1,3-Dichloropropene	7.04	75	229870	57.874	ug/L	99
40) 4-Methyl-2-pentanone	7.24	43	419619	114.848	ug/L	99
42) Toluene	7.41	91	571518	54.363	ug/L	98
44) trans-1,3-Dichloropropene	7.67	75	221882	54.515	ug/L	100
45) 1,1,2-Trichloroethane	7.86	97	124951	49.483	ug/L	97
46) Tetrachloroethene	7.99	164	102195	47.337	ug/L	99
48) 2-Hexanone	8.15	43	301357	104.482	ug/L	99
49) Dibromochloromethane	8.26	129	133514	48.375	ug/L	99
50) 1,2-Dibromoethane	8.37	107	128083	49.594	ug/L	99
51) Chlorobenzene	8.90	112	336992	48.296	ug/L	99
52) Ethylbenzene	9.03	91	581824	48.735	ug/L	100
53) m,p-Xylene	9.16	106	216475	49.398	ug/L	99
54) o-xylene	9.56	106	206139	49.527	ug/L	99
55) Styrene	9.58	104	374125	50.785	ug/L	100
56) Isopropylbenzene	9.95	105	555709	48.254	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.26	83	170226	48.327	ug/L	100
59) 1,2,3-Trichloropropane	10.29	75	158832	47.477	ug/L	100
61) Bromoform	9.75	173	97434	48.304	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	276336	46.623	ug/L	100
63) 1,4-Dichlorobenzene	11.29	146	295950	48.001	ug/L	98
65) 1,2-Dichlorobenzene	11.67	146	293719	49.361	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.45	75	41387	50.422	ug/L	97
67) 1,3,5-Trichlorobenzene	12.67	180	192096	50.037	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	175842	48.710	ug/L	100
69) Naphthalene	13.52	128	539312	53.022	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	179958	50.217	ug/L	99

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

