

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102620\
 Data File : VV019108.D
 Acq On : 26 Oct 2020 09:57
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05073

Quant Time: Oct 27 07:09:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Oct 26 10:41:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	316815	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	313753	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	167346	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	109212	37.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.90%
7) Chloroethane-d5	1.58	69	86962	37.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	75.08%
11) 1,1-Dichloroethene-d2	2.12	63	220678	40.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.88%
21) 2-Butanone-d5	3.90	46	163156	84.29	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.29%
24) Chloroform-d	4.37	84	220564	43.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.64%
26) 1,2-Dichloroethane-d4	5.05	65	148986	44.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.04%
32) Benzene-d6	5.07	84	408267	42.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.08%
36) 1,2-Dichloropropane-d6	6.09	67	130347	41.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.86%
41) Toluene-d8	7.33	98	370719	43.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.38%
43) trans-1,3-Dichloropropene-	7.64	79	68230	42.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.66%
47) 2-Hexanone-d5	8.10	63	117637	87.03	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.03%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	178049	43.03	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.06%
64) 1,2-Dichlorobenzene-d4	11.65	152	151280	43.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	124253	50.351	ug/L 99
3) Chloromethane	1.25	50	142406	46.401	ug/L 100
5) Vinyl chloride	1.32	62	139468	46.130	ug/L 100
6) Bromomethane	1.53	94	81499	47.111	ug/L 100
8) Chloroethane	1.60	64	81064	42.756	ug/L 100
9) Trichlorofluoromethane	1.77	101	197491	49.661	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	104687	49.499	ug/L 98
12) 1,1-Dichloroethene	2.13	96	98579	46.587	ug/L 86
13) Acetone	2.19	43	156526	119.311	ug/L 99
14) Carbon disulfide	2.31	76	327243	46.906	ug/L 100
15) Methyl Acetate	2.44	43	124198	45.050	ug/L 100
16) Methylene chloride	2.52	84	114958	46.611	ug/L 99
17) trans-1,2-Dichloroethene	2.78	96	108158	48.369	ug/L 97
18) Methyl tert-butyl Ether	2.78	73	346237	47.749	ug/L 99
19) 1,1-Dichloroethane	3.21	63	215402	47.711	ug/L 98
20) cis-1,2-Dichloroethene	3.93	96	114254	47.783	ug/L 95
22) 2-Butanone	3.99	43	184115	102.374	ug/L 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	59488	48.873	ug/L	97
25) Chloroform	4.40	83	213761	48.063	ug/L	99
27) 1,2-Dichloroethane	5.15	62	178705	48.416	ug/L	100
29) Cyclohexane	4.70	56	189283	50.401	ug/L	97
30) 1,1,1-Trichloroethane	4.63	97	192705	49.330	ug/L	99
31) Carbon tetrachloride	4.85	117	171659	50.406	ug/L	100
33) Benzene	5.12	78	455422	47.415	ug/L	100
34) Trichloroethene	5.94	95	117361	48.353	ug/L	98
35) Methylcyclohexane	6.15	83	170069	51.212	ug/L	99
37) 1,2-Dichloropropane	6.19	63	121197	45.834	ug/L	99
38) Bromodichloromethane	6.53	83	160449	47.956	ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	187044	47.863	ug/L	100
40) 4-Methyl-2-pentanone	7.24	43	330439	92.627	ug/L	99
42) Toluene	7.41	91	488339	49.533	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	191224	49.323	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	110641	47.375	ug/L	98
46) Tetrachloroethene	7.99	164	94583	50.781	ug/L	99
48) 2-Hexanone	8.15	43	277620	100.850	ug/L	99
49) Dibromochloromethane	8.26	129	126629	49.605	ug/L	95
50) 1,2-Dibromoethane	8.37	107	115226	47.544	ug/L	98
51) Chlorobenzene	8.90	112	308809	48.837	ug/L	99
52) Ethylbenzene	9.03	91	537441	50.412	ug/L	99
53) m,p-Xylene	9.16	106	200914	51.480	ug/L	97
54) o-xylene	9.56	106	190593	50.720	ug/L	98
55) Styrene	9.58	104	347023	52.061	ug/L	100
56) Isopropylbenzene	9.95	105	519924	52.620	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	172205	44.812	ug/L	100
59) 1,2,3-Trichloropropane	10.29	75	139347	45.069	ug/L	99
61) Bromoform	9.75	173	93739	49.739	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	250459	49.873	ug/L	98
63) 1,4-Dichlorobenzene	11.29	146	259467	49.445	ug/L	99
65) 1,2-Dichlorobenzene	11.66	146	248282	49.034	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	41625	46.531	ug/L	99
67) 1,3,5-Trichlorobenzene	12.67	180	173741	50.665	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	161272	49.874	ug/L	98
69) Naphthalene	13.52	128	489898	49.171	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	162485	49.594	ug/L	100

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

