

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082120\
 Data File : VV018076.D
 Acq On : 21 Aug 2020 15:52
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05080

Quant Time: Aug 22 00:07:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 22 00:05:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	279105	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	273535	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	151509	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	104730	49.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.36%
7) Chloroethane-d5	1.58	69	87822	50.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.82%
11) 1,1-Dichloroethene-d2	2.12	63	200343	49.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.36%
21) 2-Butanone-d5	3.90	46	128957	92.46	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.46%
24) Chloroform-d	4.37	84	192834	49.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.48%
26) 1,2-Dichloroethane-d4	5.05	65	123033	48.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.72%
32) Benzene-d6	5.07	84	376216	49.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.82%
36) 1,2-Dichloropropane-d6	6.09	67	120496	48.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.78%
41) Toluene-d8	7.33	98	346453	51.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.20%
43) trans-1,3-Dichloropropene-	7.64	79	59410	53.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	106.30%
47) 2-Hexanone-d5	8.10	63	74494	94.19	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.19%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	151702	47.27	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.54%
64) 1,2-Dichlorobenzene-d4	11.65	152	141997	47.62	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.24%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	96126	44.610	ug/L 99
3) Chloromethane	1.25	50	109199	43.626	ug/L 99
5) Vinyl chloride	1.32	62	115170	46.439	ug/L 99
6) Bromomethane	1.53	94	67449	45.505	ug/L 100
8) Chloroethane	1.60	64	74182	46.865	ug/L 100
9) Trichlorofluoromethane	1.77	101	165592	46.743	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	97342	49.211	ug/L 99
12) 1,1-Dichloroethene	2.13	96	90328	48.246	ug/L 97
13) Acetone	2.19	43	157744	109.497	ug/L 100
14) Carbon disulfide	2.31	76	240457	46.664	ug/L 100
15) Methyl Acetate	2.44	43	107410	46.200	ug/L 98
16) Methylene chloride	2.52	84	107381	45.020	ug/L 99
17) trans-1,2-Dichloroethene	2.78	96	93522	48.595	ug/L 99
18) Methyl tert-butyl Ether	2.78	73	316082	49.661	ug/L 100
19) 1,1-Dichloroethane	3.21	63	187099	48.349	ug/L 99
20) cis-1,2-Dichloroethene	3.93	96	104459	49.392	ug/L 99
22) 2-Butanone	3.98	43	168882	104.496	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	54094	48.962	ug/L	98
25) Chloroform	4.40	83	191763	48.584	ug/L	99
27) 1,2-Dichloroethane	5.15	62	150606	47.938	ug/L	99
29) Cyclohexane	4.70	56	157056	47.573	ug/L	99
30) 1,1,1-Trichloroethane	4.63	97	162824	48.575	ug/L	98
31) Carbon tetrachloride	4.85	117	140092	50.204	ug/L	100
33) Benzene	5.12	78	406832	48.073	ug/L	100
34) Trichloroethene	5.93	95	106688	47.694	ug/L	99
35) Methylcyclohexane	6.15	83	158584	47.676	ug/L	99
37) 1,2-Dichloropropane	6.19	63	110249	47.770	ug/L	100
38) Bromodichloromethane	6.53	83	144481	50.401	ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	164533	50.289	ug/L	99
40) 4-Methyl-2-pentanone	7.24	43	282829	93.745	ug/L	100
42) Toluene	7.41	91	429905	48.683	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	166617	53.674	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	103730	48.533	ug/L	98
46) Tetrachloroethene	7.99	164	83056	50.627	ug/L	97
48) 2-Hexanone	8.15	43	237019	97.424	ug/L	99
49) Dibromochloromethane	8.26	129	111553	53.473	ug/L	99
50) 1,2-Dibromoethane	8.37	107	106730	48.266	ug/L	97
51) Chlorobenzene	8.90	112	277040	48.779	ug/L	99
52) Ethylbenzene	9.03	91	478728	49.719	ug/L	99
53) m,p-Xylene	9.16	106	180658	51.013	ug/L	98
54) o-xylene	9.56	106	174804	49.949	ug/L	98
55) Styrene	9.58	104	313244	52.267	ug/L	100
56) Isopropylbenzene	9.95	105	472639	51.193	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	155598	46.752	ug/L	99
59) 1,2,3-Trichloropropane	10.29	75	132420	46.459	ug/L	99
61) Bromoform	9.75	173	79862	55.708	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	234219	48.614	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	238748	48.238	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	235571	47.504	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.45	75	34154	46.745	ug/L	98
67) 1,3,5-Trichlorobenzene	12.67	180	184434	50.393	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	170324	52.932	ug/L	99
69) Naphthalene	13.52	128	449586	50.692	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	169673	51.851	ug/L	99

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

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