

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060320\
 Data File : VV016434.D
 Acq On : 02 Jun 2020 18:10
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV61

Quant Time: Jun 03 02:25:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 03 01:20:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	373357	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	357378	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	179471	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	136117	51.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	102.94%
7) Chloroethane-d5	1.58	69	97660	51.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.32%
11) 1,1-Dichloroethene-d2	2.12	63	243158	51.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.74%
21) 2-Butanone-d5	3.91	46	180080	106.50	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.50%
24) Chloroform-d	4.38	84	250271	50.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.86%
26) 1,2-Dichloroethane-d4	5.06	65	170969	51.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.90%
32) Benzene-d6	5.08	84	498948	52.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.24%
36) 1,2-Dichloropropane-d6	6.09	67	155742	52.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.42%
41) Toluene-d8	7.34	98	463769	53.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.68%
43) trans-1,3-Dichloropropene-	7.64	79	77581	53.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	106.74%
47) 2-Hexanone-d5	8.11	63	138206	108.19	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.19%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	209463	51.78	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.56%
64) 1,2-Dichlorobenzene-d4	11.65	152	177018	52.49	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.98%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.13	85	157604	51.162 ug/L	98
3) Chloromethane	1.25	50	151914	51.183 ug/L	98
5) Vinyl chloride	1.32	62	147062	51.281 ug/L	99
6) Bromomethane	1.53	94	77331	51.835 ug/L	100
8) Chloroethane	1.60	64	79360	49.379 ug/L	96
9) Trichlorofluoromethane	1.77	101	211595	51.094 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	112526	52.241 ug/L	99
12) 1,1-Dichloroethene	2.13	96	106155	51.213 ug/L	98
13) Acetone	2.19	43	124409	78.723 ug/L	94
14) Carbon disulfide	2.31	76	367488	51.209 ug/L	100
15) Methyl Acetate	2.45	43	147354	50.730 ug/L	100
16) Methylene chloride	2.52	84	142617	48.804 ug/L	99
17) trans-1,2-Dichloroethene	2.78	96	134080	51.266 ug/L	99
18) Methyl tert-butyl Ether	2.78	73	414004	51.132 ug/L	99
19) 1,1-Dichloroethane	3.21	63	246785	51.021 ug/L	99
20) cis-1,2-Dichloroethene	3.94	96	144401	51.160 ug/L	95
22) 2-Butanone	3.99	43	194254	99.056 ug/L	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.28	128	74637	51.389	ug/L	96
25) Chloroform	4.40	83	261977	51.675	ug/L	98
27) 1,2-Dichloroethane	5.15	62	208579	50.633	ug/L	100
29) Cyclohexane	4.70	56	223482	52.688	ug/L	100
30) 1,1,1-Trichloroethane	4.64	97	225479	51.770	ug/L	98
31) Carbon tetrachloride	4.86	117	194398	51.898	ug/L	97
33) Benzene	5.13	78	541479	51.518	ug/L	100
34) Trichloroethene	5.94	95	141191	51.196	ug/L	95
35) Methylcyclohexane	6.16	83	200753	50.713	ug/L	98
37) 1,2-Dichloropropane	6.20	63	142676	52.080	ug/L	100
38) Bromodichloromethane	6.53	83	183689	52.185	ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	220833	55.286	ug/L	100
40) 4-Methyl-2-pentanone	7.25	43	402120	106.677	ug/L	99
42) Toluene	7.41	91	579946	52.072	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	210310	53.663	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	133536	50.410	ug/L	98
46) Tetrachloroethene	8.00	164	110399	51.918	ug/L	99
48) 2-Hexanone	8.16	43	300014	102.375	ug/L	99
49) Dibromochloromethane	8.27	129	137238	53.290	ug/L	99
50) 1,2-Dibromoethane	8.37	107	143798	51.317	ug/L	98
51) Chlorobenzene	8.90	112	374419	51.151	ug/L	99
52) Ethylbenzene	9.03	91	640808	52.865	ug/L	99
53) m,p-Xylene	9.16	106	243497	53.273	ug/L	96
54) o-xylene	9.57	106	237195	53.583	ug/L	97
55) Styrene	9.58	104	414363	53.433	ug/L	100
56) Isopropylbenzene	9.95	105	602218	52.375	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	216777	51.014	ug/L	98
59) 1,2,3-Trichloropropane	10.30	75	171510	50.170	ug/L	98
61) Bromoform	9.75	173	82618	54.978	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	287064	51.625	ug/L	98
63) 1,4-Dichlorobenzene	11.29	146	299078	51.837	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	288709	51.583	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	43686	51.433	ug/L	96
67) 1,3,5-Trichlorobenzene	12.67	180	187963	50.244	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	178162	51.442	ug/L	99
69) Naphthalene	13.52	128	572439	53.849	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	170764	51.867	ug/L	99

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

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