

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060820\
 Data File : VV016653.D
 Acq On : 08 Jun 2020 12:15
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV62

Quant Time: Jun 09 01:06:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 09 01:02:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	405759	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	381427	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	187310	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	133547	46.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.28%
7) Chloroethane-d5	1.57	69	82967	48.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.58%
11) 1,1-Dichloroethene-d2	2.12	63	235892	49.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.12%
21) 2-Butanone-d5	3.90	46	223194	105.33	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.33%
24) Chloroform-d	4.37	84	285839	49.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.20%
26) 1,2-Dichloroethane-d4	5.05	65	194142	49.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.06%
32) Benzene-d6	5.07	84	544233	49.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.00%
36) 1,2-Dichloropropane-d6	6.09	67	169411	49.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.86%
41) Toluene-d8	7.34	98	507551	50.30	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.60%
43) trans-1,3-Dichloropropene-	7.64	79	90401	50.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.28%
47) 2-Hexanone-d5	8.11	63	163165	109.20	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.20%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	221121	48.74	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.48%
64) 1,2-Dichlorobenzene-d4	11.65	152	199621	49.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.88%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	154573	48.050	ug/L 98
3) Chloromethane	1.25	50	140006	47.591	ug/L 99
5) Vinyl chloride	1.32	62	137356	47.479	ug/L 96
6) Bromomethane	1.52	94	54691	45.391	ug/L 97
8) Chloroethane	1.59	64	72918	51.026	ug/L 98
9) Trichlorofluoromethane	1.76	101	214724	49.598	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	106126	49.194	ug/L 99
12) 1,1-Dichloroethene	2.13	96	97702	48.514	ug/L 94
13) Acetone	2.18	43	143736	102.946	ug/L 99
14) Carbon disulfide	2.31	76	360461	49.435	ug/L 100
15) Methyl Acetate	2.44	43	156140	50.174	ug/L 99
16) Methylene chloride	2.52	84	139628	47.249	ug/L 99
17) trans-1,2-Dichloroethene	2.78	96	132484	48.249	ug/L 99
18) Methyl tert-butyl Ether	2.78	73	448887	49.337	ug/L 100
19) 1,1-Dichloroethane	3.21	63	251198	48.601	ug/L 97
20) cis-1,2-Dichloroethene	3.94	96	146229	48.849	ug/L 98
22) 2-Butanone	3.98	43	229066	106.390	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	76506	48.516	uq/L	98
25) Chloroform	4.40	83	258291	48.626	uq/L	99
27) 1,2-Dichloroethane	5.15	62	219011	49.185	uq/L	98
29) Cyclohexane	4.70	56	232239	48.997	uq/L	100
30) 1,1,1-Trichloroethane	4.63	97	235448	48.403	uq/L	99
31) Carbon tetrachloride	4.85	117	209061	49.681	uq/L	99
33) Benzene	5.12	78	537996	47.672	uq/L	100
34) Trichloroethene	5.94	95	146131	48.281	uq/L	98
35) Methylcyclohexane	6.15	83	237923	50.108	uq/L	98
37) 1,2-Dichloropropane	6.20	63	142720	48.630	uq/L	99
38) Bromodichloromethane	6.53	83	193462	49.519	uq/L	97
39) cis-1,3-Dichloropropene	7.05	75	232126	50.918	uq/L	99
40) 4-Methyl-2-pentanone	7.24	43	432458	103.988	uq/L	99
42) Toluene	7.41	91	583488	49.046	uq/L	98
44) trans-1,3-Dichloropropene	7.67	75	225120	50.794	uq/L	99
45) 1,1,2-Trichloroethane	7.86	97	137932	48.714	uq/L	98
46) Tetrachloroethene	8.00	164	118253	49.677	uq/L	96
48) 2-Hexanone	8.16	43	340729	105.668	uq/L	97
49) Dibromochloromethane	8.27	129	149838	49.493	uq/L	99
50) 1,2-Dibromoethane	8.37	107	146421	49.381	uq/L	99
51) Chlorobenzene	8.90	112	377292	48.609	uq/L	99
52) Ethylbenzene	9.03	91	658944	50.006	uq/L	99
53) m,p-Xylene	9.16	106	249222	50.796	uq/L	99
54) o-xylene	9.56	106	237337	49.048	uq/L	98
55) Styrene	9.58	104	410076	50.125	uq/L	99
56) Isopropylbenzene	9.95	105	655908	50.447	uq/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	208852	48.109	uq/L	98
59) 1,2,3-Trichloropropane	10.30	75	174938	48.042	uq/L	100
61) Bromoform	9.75	173	102356	53.127	uq/L	99
62) 1,3-Dichlorobenzene	11.20	146	299038	50.405	uq/L	99
63) 1,4-Dichlorobenzene	11.30	146	302944	50.187	uq/L	98
65) 1,2-Dichlorobenzene	11.67	146	295323	49.672	uq/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	49624	53.082	uq/L	97
67) 1,3,5-Trichlorobenzene	12.67	180	229774	51.938	uq/L	99
68) 1,2,4-trichlorobenzene	13.29	180	215262	53.049	uq/L	99
69) Naphthalene	13.53	128	653929	56.024	uq/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	218290	54.979	uq/L	99

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

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