

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV073020\
 Data File : VV017745.D
 Acq On : 30 Jul 2020 12:30
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV66

Quant Time: Jul 31 02:25:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM073020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 31 02:23:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	353492	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	340027	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	185685	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	81728	47.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.82%
7) Chloroethane-d5	1.58	69	70530	47.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.84%
11) 1,1-Dichloroethene-d2	2.12	63	202576	48.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.80%
21) 2-Butanone-d5	3.91	46	130221	100.47	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.47%
24) Chloroform-d	4.37	84	224787	47.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.44%
26) 1,2-Dichloroethane-d4	5.06	65	163801	47.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.20%
32) Benzene-d6	5.07	84	393561	48.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.84%
36) 1,2-Dichloropropane-d6	6.09	67	110788	49.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.74%
41) Toluene-d8	7.34	98	385847	48.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.82%
43) trans-1,3-Dichloropropene-	7.64	79	71789	48.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.78%
47) 2-Hexanone-d5	8.11	63	97219	101.81	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.81%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	157174	46.85	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.70%
64) 1,2-Dichlorobenzene-d4	11.65	152	177103	48.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.18%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	171828	48.421	ug/L 99
3) Chloromethane	1.25	50	115445	48.752	ug/L 97
5) Vinyl chloride	1.32	62	121433	48.424	ug/L 96
6) Bromomethane	1.53	94	75808	50.824	ug/L 97
8) Chloroethane	1.60	64	69808	45.986	ug/L 97
9) Trichlorofluoromethane	1.76	101	246783	50.104	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	112294	49.276	ug/L 98
12) 1,1-Dichloroethene	2.13	96	100648	47.308	ug/L 99
13) Acetone	2.19	43	151948	92.306	ug/L 99
14) Carbon disulfide	2.31	76	322389	49.177	ug/L 99
15) Methyl Acetate	2.44	43	101552	47.435	ug/L 98
16) Methylene chloride	2.52	84	120536	48.048	ug/L 100
17) trans-1,2-Dichloroethene	2.78	96	114820	47.863	ug/L 99
18) Methyl tert-butyl Ether	2.78	73	397132	50.365	ug/L 99
19) 1,1-Dichloroethane	3.21	63	203660	48.651	ug/L 98
20) cis-1,2-Dichloroethene	3.94	96	123014	48.008	ug/L 96
22) 2-Butanone	3.99	43	162189	106.070	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	69362	47.914	ug/L	98
25) Chloroform	4.40	83	239933	49.457	ug/L	100
27) 1,2-Dichloroethane	5.15	62	218441	50.744	ug/L	97
29) Cyclohexane	4.70	56	172761	50.155	ug/L	98
30) 1,1,1-Trichloroethane	4.63	97	237834	48.516	ug/L	99
31) Carbon tetrachloride	4.85	117	220393	49.325	ug/L	98
33) Benzene	5.13	78	449682	48.760	ug/L	100
34) Trichloroethene	5.94	95	129639	49.459	ug/L	98
35) Methylcyclohexane	6.15	83	193719	50.381	ug/L	98
37) 1,2-Dichloropropane	6.20	63	101461	47.999	ug/L	99
38) Bromodichloromethane	6.53	83	183419	48.788	ug/L	97
39) cis-1,3-Dichloropropene	7.05	75	199021	51.273	ug/L	97
40) 4-Methyl-2-pentanone	7.24	43	282327	97.997	ug/L	100
42) Toluene	7.41	91	511433	49.920	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	203448	51.071	ug/L	100
45) 1,1,2-Trichloroethane	7.86	97	117530	48.819	ug/L	98
46) Tetrachloroethene	8.00	164	114908	49.481	ug/L	99
48) 2-Hexanone	8.16	43	232863	99.347	ug/L	97
49) Dibromochloromethane	8.27	129	153233	48.662	ug/L	98
50) 1,2-Dibromoethane	8.37	107	126662	48.318	ug/L	97
51) Chlorobenzene	8.90	112	342539	48.732	ug/L	99
52) Ethylbenzene	9.03	91	588123	50.106	ug/L	100
53) m,p-Xylene	9.16	106	224615	49.918	ug/L	97
54) o-xylene	9.56	106	218059	50.079	ug/L	99
55) Styrene	9.58	104	376660	49.731	ug/L	100
56) Isopropylbenzene	9.95	105	604375	50.711	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.26	83	166036	47.384	ug/L	100
59) 1,2,3-Trichloropropane	10.30	75	145092	47.167	ug/L	96
61) Bromoform	9.75	173	113805	49.614	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	291708	49.160	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	294122	48.783	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	294570	49.377	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.45	75	48302	51.811	ug/L	98
67) 1,3,5-Trichlorobenzene	12.67	180	237780	51.244	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	213355	52.979	ug/L	99
69) Naphthalene	13.52	128	576788	54.293	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	214831	53.788	ug/L	99

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

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