

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072120\
 Data File : VV017566.D
 Acq On : 21 Jul 2020 15:48
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV65

Quant Time: Jul 22 03:27:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM072120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 22 03:23:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	327800	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	312543	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	169337	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	101297	50.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.28%
7) Chloroethane-d5	1.58	69	68501	49.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.64%
11) 1,1-Dichloroethene-d2	2.12	63	202944	50.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.82%
21) 2-Butanone-d5	3.91	46	170963	111.73	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.73%
24) Chloroform-d	4.38	84	237239	51.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.26%
26) 1,2-Dichloroethane-d4	5.06	65	163155	51.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.66%
32) Benzene-d6	5.07	84	443421	53.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.26%
36) 1,2-Dichloropropane-d6	6.09	67	134042	53.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.00%
41) Toluene-d8	7.34	98	416324	52.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.70%
43) trans-1,3-Dichloropropene-	7.64	79	77492	53.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	106.86%
47) 2-Hexanone-d5	8.11	63	128230	111.64	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.64%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	193582	54.31	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.62%
64) 1,2-Dichlorobenzene-d4	11.65	152	183918	52.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.76%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	167877	49.510	ug/L	99
3) Chloromethane	1.25	50	131152	50.782	ug/L	99
5) Vinyl chloride	1.32	62	124636	50.519	ug/L	97
6) Bromomethane	1.53	94	76626	49.590	ug/L	98
8) Chloroethane	1.59	64	61388	48.528	ug/L	98
9) Trichlorofluoromethane	1.76	101	208297	50.954	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	98840	48.962	ug/L	99
12) 1,1-Dichloroethene	2.13	96	94677	50.608	ug/L	98
13) Acetone	2.19	43	141833	102.710	ug/L	99
14) Carbon disulfide	2.31	76	341031	50.298	ug/L	99
15) Methyl Acetate	2.44	43	127192	54.032	ug/L	99
16) Methylene chloride	2.52	84	125994	50.906	ug/L	98
17) trans-1,2-Dichloroethene	2.78	96	118818	50.747	ug/L	97
18) Methyl tert-butyl Ether	2.78	73	407610	52.086	ug/L	100
19) 1,1-Dichloroethane	3.21	63	218483	51.787	ug/L	99
20) cis-1,2-Dichloroethene	3.94	96	132742	52.797	ug/L	99
22) 2-Butanone	3.99	43	188926	110.152	ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.28	128	70839	51.261	ug/L	97
25) Chloroform	4.40	83	236039	51.906	ug/L	99
27) 1,2-Dichloroethane	5.15	62	200386	51.909	ug/L	100
29) Cyclohexane	4.70	56	192540	50.971	ug/L	99
30) 1,1,1-Trichloroethane	4.63	97	219671	50.926	ug/L	98
31) Carbon tetrachloride	4.86	117	198792	51.027	ug/L	99
33) Benzene	5.13	78	481080	52.360	ug/L	100
34) Trichloroethene	5.94	95	130210	51.459	ug/L	99
35) Methylcyclohexane	6.15	83	198462	50.202	ug/L	97
37) 1,2-Dichloropropane	6.20	63	121207	51.579	ug/L	99
38) Bromodichloromethane	6.53	83	181731	52.488	ug/L	100
39) cis-1,3-Dichloropropene	7.05	75	208513	52.973	ug/L	100
40) 4-Methyl-2-pentanone	7.24	43	346808	106.710	ug/L	99
42) Toluene	7.41	91	525910	52.092	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	210559	53.608	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	125205	52.812	ug/L	98
46) Tetrachloroethene	8.00	164	112135	52.119	ug/L	99
48) 2-Hexanone	8.16	43	287204	110.958	ug/L	98
49) Dibromochloromethane	8.27	129	152913	52.898	ug/L	100
50) 1,2-Dibromoethane	8.37	107	135658	52.617	ug/L	99
51) Chlorobenzene	8.90	112	349005	52.090	ug/L	100
52) Ethylbenzene	9.03	91	595067	52.661	ug/L	99
53) m,p-Xylene	9.16	106	226717	52.366	ug/L	99
54) o-xylene	9.56	106	221042	52.562	ug/L	98
55) Styrene	9.58	104	387047	54.099	ug/L	97
56) Isopropylbenzene	9.95	105	603159	52.910	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	194136	51.910	ug/L	97
59) 1,2,3-Trichloropropane	10.30	75	159931	51.732	ug/L	100
61) Bromoform	9.75	173	116439	52.657	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	294971	51.879	ug/L	99
63) 1,4-Dichlorobenzene	11.30	146	296620	51.111	ug/L	97
65) 1,2-Dichlorobenzene	11.67	146	296962	51.517	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	51929	54.427	ug/L	99
67) 1,3,5-Trichlorobenzene	12.67	180	231429	51.558	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	213020	53.507	ug/L	100
69) Naphthalene	13.52	128	620540	55.676	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	211487	53.107	ug/L	99

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

