

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081219\
 Data File : VV012206.D
 Acq On : 12 Aug 2019 15:13
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5mL/MSVOA V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV66

Quant Time: Aug 12 15:58:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081219WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Aug 12 14:15:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	495564	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	475213	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	248510	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	139171	42.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.36%
7) Chloroethane-d5	1.58	69	126558	44.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.72%
11) 1,1-Dichloroethene-d2	2.13	63	276584	45.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.58%
21) 2-Butanone-d5	3.92	46	295275	102.42	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.42%
24) Chloroform-d	4.40	84	347383	46.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.86%
26) 1,2-Dichloroethane-d4	5.08	65	219788	46.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.36%
32) Benzene-d6	5.09	84	688863	45.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.94%
36) 1,2-Dichloropropane-d6	6.11	67	215644	46.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.80%
41) Toluene-d8	7.36	98	629928	46.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.82%
43) trans-1,3-Dichloropropene-	7.66	79	108394	46.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.38%
47) 2-Hexanone-d5	8.13	63	215399	106.06	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.06%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	314732	46.58	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.16%
64) 1,2-Dichlorobenzene-d4	11.67	152	268876	45.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.66%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	200971	46.916	ug/L	99
3) Chloromethane	1.25	50	180845	45.395	ug/L	99
5) Vinyl chloride	1.32	62	184598	45.634	ug/L	99
6) Bromomethane	1.53	94	105281	47.476	ug/L	100
8) Chloroethane	1.60	64	108230	47.507	ug/L	99
9) Trichlorofluoromethane	1.77	101	253893	47.746	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	143522	47.739	ug/L	98
12) 1,1-Dichloroethene	2.14	96	133548	46.784	ug/L	95
13) Acetone	2.18	43	226306	99.242	ug/L	100
14) Carbon disulfide	2.32	76	416056	45.177	ug/L	98
15) Methyl Acetate	2.45	43	176581	48.015	ug/L	100
16) Methylene chloride	2.53	84	166543	47.229	ug/L	98
17) trans-1,2-Dichloroethene	2.79	96	158380	47.276	ug/L	100
18) Methyl tert-butyl Ether	2.80	73	486398	48.590	ug/L	99
19) 1,1-Dichloroethane	3.23	63	289225	47.649	ug/L	99
20) cis-1,2-Dichloroethene	3.96	96	175812	47.596	ug/L	97
22) 2-Butanone	4.01	43	285449	100.482	ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	90223	46.906	ug/L	98
25) Chloroform	4.42	83	297319	46.678	ug/L	99
27) 1,2-Dichloroethane	5.17	62	227482	47.909	ug/L	98
29) Cyclohexane	4.72	56	269542	49.517	ug/L	100
30) 1,1,1-Trichloroethane	4.65	97	256232	47.415	ug/L	100
31) Carbon tetrachloride	4.87	117	232899	48.125	ug/L	100
33) Benzene	5.14	78	660456	48.682	ug/L	100
34) Trichloroethene	5.96	95	170260	47.543	ug/L	98
35) Methylcyclohexane	6.17	83	285575	49.260	ug/L	99
37) 1,2-Dichloropropane	6.22	63	165046	47.934	ug/L	100
38) Bromodichloromethane	6.55	83	226543	49.043	ug/L	98
39) cis-1,3-Dichloropropene	7.07	75	267814	49.449	ug/L	98
40) 4-Methyl-2-pentanone	7.27	43	483426	102.009	ug/L	99
42) Toluene	7.43	91	710025	49.105	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	244686	49.522	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	162108	47.807	ug/L	99
46) Tetrachloroethene	8.02	164	148053	48.529	ug/L	98
48) 2-Hexanone	8.18	43	389550	99.960	ug/L	99
49) Dibromochloromethane	8.29	129	187000	48.930	ug/L	98
50) 1,2-Dibromoethane	8.39	107	176426	48.615	ug/L	97
51) Chlorobenzene	8.92	112	462652	48.209	ug/L	99
52) Ethylbenzene	9.05	91	784028	49.258	ug/L	99
53) m,p-Xylene	9.18	106	311139	50.776	ug/L	99
54) o-xylene	9.59	106	295073	49.701	ug/L	100
55) Styrene	9.60	104	511555	50.233	ug/L	98
56) Isopropylbenzene	9.97	105	777412	49.886	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.28	83	267785	48.052	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	207543	47.879	ug/L	98
61) Bromoform	9.77	173	136459	47.786	ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	375216	47.256	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	386070	47.592	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	372223	46.818	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.47	75	58532	47.822	ug/L	97
67) 1,3,5-Trichlorobenzene	12.69	180	291733	48.414	ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	251896	50.648	ug/L	100
69) Naphthalene	13.55	128	739960	51.862	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	258889	49.371	ug/L	99

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

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