

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082119\
 Data File : VV012320.D
 Acq On : 21 Aug 2019 17:54
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV65

Quant Time: Aug 22 03:42:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM082119WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 22 03:36:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	245928	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	228747	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	123533	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	54712	46.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.98%
7) Chloroethane-d5	1.58	69	39369	47.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.32%
11) 1,1-Dichloroethene-d2	2.13	63	106959	46.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.32%
21) 2-Butanone-d5	3.92	46	91424	100.74	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.74%
24) Chloroform-d	4.40	84	158729	47.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.92%
26) 1,2-Dichloroethane-d4	5.08	65	111300	48.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.54%
32) Benzene-d6	5.10	84	291095	47.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.44%
36) 1,2-Dichloropropane-d6	6.12	67	79747	48.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.68%
41) Toluene-d8	7.36	98	291860	49.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.18%
43) trans-1,3-Dichloropropene-	7.66	79	50251	49.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.92%
47) 2-Hexanone-d5	8.13	63	68144	100.09	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.09%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	117159	49.87	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.74%
64) 1,2-Dichlorobenzene-d4	11.67	152	132738	48.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.76%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	98619	46.812	ug/L 99
3) Chloromethane	1.25	50	55849	46.510	ug/L 97
5) Vinyl chloride	1.32	62	57776	48.643	ug/L 97
6) Bromomethane	1.52	94	31072	50.179	ug/L 93
8) Chloroethane	1.60	64	31269	46.532	ug/L 99
9) Trichlorofluoromethane	1.77	101	116860	48.905	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	50579	46.713	ug/L 99
12) 1,1-Dichloroethene	2.14	96	48109	48.633	ug/L 89
13) Acetone	2.18	43	62057	91.117	ug/L 97
14) Carbon disulfide	2.32	76	176999	47.522	ug/L 100
15) Methyl Acetate	2.45	43	61930	48.459	ug/L 97
16) Methylene chloride	2.53	84	71800	47.640	ug/L 99
17) trans-1,2-Dichloroethene	2.79	96	70722	47.243	ug/L 94
18) Methyl tert-butyl Ether	2.80	73	244193	49.239	ug/L 100
19) 1,1-Dichloroethane	3.23	63	121630	48.387	ug/L 99
20) cis-1,2-Dichloroethene	3.96	96	81001	48.625	ug/L 95
22) 2-Butanone	4.01	43	94833	97.033	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	44281	48.043	ug/L	98
25) Chloroform	4.42	83	147960	47.679	ug/L	99
27) 1,2-Dichloroethane	5.18	62	123122	48.810	ug/L	99
29) Cyclohexane	4.72	56	99641	47.846	ug/L	97
30) 1,1,1-Trichloroethane	4.66	97	142539	48.407	ug/L	99
31) Carbon tetrachloride	4.87	117	134322	48.560	ug/L	99
33) Benzene	5.15	78	279429	48.462	ug/L	100
34) Trichloroethene	5.96	95	80816	47.854	ug/L	96
35) Methylcyclohexane	6.18	83	124690	48.831	ug/L	96
37) 1,2-Dichloropropane	6.22	63	64468	49.322	ug/L	100
38) Bromodichloromethane	6.56	83	112434	49.144	ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	125834	51.859	ug/L	98
40) 4-Methyl-2-pentanone	7.27	43	177422	100.953	ug/L	99
42) Toluene	7.43	91	319610	49.141	ug/L	97
44) trans-1,3-Dichloropropene	7.69	75	117049	50.613	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	73842	48.868	ug/L	97
46) Tetrachloroethene	8.02	164	76862	47.562	ug/L	98
48) 2-Hexanone	8.18	43	135632	102.224	ug/L	99
49) Dibromochloromethane	8.29	129	100787	49.324	ug/L	99
50) 1,2-Dibromoethane	8.40	107	82271	49.059	ug/L	97
51) Chlorobenzene	8.92	112	220952	49.073	ug/L	100
52) Ethylbenzene	9.05	91	365666	48.646	ug/L	99
53) m,p-Xylene	9.18	106	144139	49.408	ug/L	98
54) o-xylene	9.59	106	139951	48.874	ug/L	98
55) Styrene	9.60	104	241039	50.268	ug/L	100
56) Isopropylbenzene	9.97	105	382042	49.246	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.28	83	108844	49.571	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	90414	48.542	ug/L	98
61) Bromoform	9.78	173	80700	49.484	ug/L	100
62) 1,3-Dichlorobenzene	11.23	146	191536	49.800	ug/L	97
63) 1,4-Dichlorobenzene	11.32	146	189146	48.734	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	193789	49.792	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	30077	53.121	ug/L	93
67) 1,3,5-Trichlorobenzene	12.69	180	152194	49.921	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	126535	53.047	ug/L	98
69) Naphthalene	13.55	128	360992	56.334	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	132102	54.091	ug/L	99

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

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