

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV031219\
 Data File : VV009606.D
 Acq On : 12 Mar 2019 15:23
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV47

Quant Time: Mar 13 02:16:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031219WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 13 02:14:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	185730	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	185316	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	88261	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	54322	49.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.84%
7) Chloroethane-d5	1.56	69	54142	47.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.64%
11) 1,1-Dichloroethene-d2	2.13	63	145046	50.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.04%
21) 2-Butanone-d5	3.93	46	77518	95.43	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.43%
24) Chloroform-d	4.40	84	122676	51.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.18%
26) 1,2-Dichloroethane-d4	5.08	65	80518	50.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.36%
32) Benzene-d6	5.10	84	241091	50.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.06%
36) 1,2-Dichloropropane-d6	6.11	67	73614	51.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.18%
41) Toluene-d8	7.36	98	238548	50.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.62%
43) trans-1,3-Dichloropropene-	7.66	79	39027	52.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.88%
47) 2-Hexanone-d5	8.13	63	59813	94.91	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.91%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	112504	48.61	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.22%
64) 1,2-Dichlorobenzene-d4	11.67	152	93260	50.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.18%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	65299	55.597 ug/L	100
3) Chloromethane	1.25	50	59104	52.683 ug/L	96
5) Vinyl chloride	1.32	62	66234	55.370 ug/L	99
6) Bromomethane	1.51	94	56997	55.861 ug/L	99
8) Chloroethane	1.58	64	47523	51.013 ug/L	97
9) Trichlorofluoromethane	1.76	101	138793	54.728 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	78353	55.719 ug/L	100
12) 1,1-Dichloroethene	2.13	96	65344	54.317 ug/L	96
13) Acetone	2.19	43	77560	90.590 ug/L	97
14) Carbon disulfide	2.31	76	170312	56.749 ug/L	100
15) Methyl Acetate	2.46	43	58703	52.908 ug/L	99
16) Methylene chloride	2.53	84	65057	55.567 ug/L	99
17) trans-1,2-Dichloroethene	2.79	96	59648	54.369 ug/L	98
18) Methyl tert-butyl Ether	2.80	73	194573	55.184 ug/L	99
19) 1,1-Dichloroethane	3.23	63	111098	54.762 ug/L	99
20) cis-1,2-Dichloroethene	3.96	96	70672	55.378 ug/L	100
22) 2-Butanone	4.01	43	96534	103.889 ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	34969	54.301	ug/L	98
25) Chloroform	4.42	83	122189	53.729	ug/L	99
27) 1,2-Dichloroethane	5.18	62	98136	55.075	ug/L	96
29) Cyclohexane	4.72	56	103156	57.184	ug/L	100
30) 1,1,1-Trichloroethane	4.65	97	111988	57.166	ug/L	100
31) Carbon tetrachloride	4.87	117	90899	55.602	ug/L	96
33) Benzene	5.14	78	261752	56.278	ug/L	100
34) Trichloroethene	5.96	95	70447	56.750	ug/L	98
35) Methylcyclohexane	6.17	83	116938	58.232	ug/L	97
37) 1,2-Dichloropropane	6.22	63	65711	55.430	ug/L	100
38) Bromodichloromethane	6.55	83	92585	55.383	ug/L	96
39) cis-1,3-Dichloropropene	7.07	75	110706	58.590	ug/L	98
40) 4-Methyl-2-pentanone	7.27	43	168798	105.939	ug/L	99
42) Toluene	7.43	91	294577	55.569	ug/L	96
44) trans-1,3-Dichloropropene	7.69	75	105208	59.299	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	67387	55.112	ug/L	98
46) Tetrachloroethene	8.02	164	55457	56.824	ug/L	97
48) 2-Hexanone	8.18	43	131030	103.201	ug/L	99
49) Dibromochloromethane	8.29	129	77455	56.917	ug/L	100
50) 1,2-Dibromoethane	8.40	107	72061	55.638	ug/L	98
51) Chlorobenzene	8.93	112	196588	55.241	ug/L	99
52) Ethylbenzene	9.05	91	335874	55.929	ug/L	99
53) m,p-Xylene	9.18	106	131285	57.064	ug/L	96
54) o-Xylene	9.59	106	130608	56.241	ug/L	100
55) Styrene	9.60	104	214017	56.880	ug/L	98
56) Isopropylbenzene	9.97	105	347112	57.406	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	115163	53.275	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	85412	53.138	ug/L	99
61) Bromoform	9.77	173	53450	53.709	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	149095	55.563	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	149807	56.640	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	151333	55.046	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	22436	53.993	ug/L	96
67) 1,3,5-Trichlorobenzene	12.69	180	101718	58.483	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	76394	63.459	ug/L	98
69) Naphthalene	13.55	128	206719	60.987	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	80681	63.620	ug/L	99

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

