

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112018\
 Data File : VV008671.D
 Acq On : 20 Nov 2018 13:49
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0 mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV74

Quant Time: Nov 21 01:30:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM112018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 21 01:28:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	257895	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	238351	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	109742	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	86191	47.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.76%
7) Chloroethane-d5	1.58	69	63960	64.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	128.70%
11) 1,1-Dichloroethene-d2	2.13	63	157556	52.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.94%
21) 2-Butanone-d5	3.93	46	161778	109.10	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.10%
24) Chloroform-d	4.40	84	194988	52.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.82%
26) 1,2-Dichloroethane-d4	5.08	65	125906	53.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.84%
32) Benzene-d6	5.10	84	402109	54.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.46%
36) 1,2-Dichloropropane-d6	6.12	67	125537	54.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	108.34%
41) Toluene-d8	7.36	98	362655	54.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.00%
43) trans-1,3-Dichloropropene-	7.67	79	56133	54.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	108.30%
47) 2-Hexanone-d5	8.13	63	112675	107.52	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.52%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	161842	51.20	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	128464	53.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.26%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	104469	50.02	ug/L	97
3) Chloromethane	1.25	50	93474	46.21	ug/L	98
5) Vinyl chloride	1.32	62	94216	47.97	ug/L	99
6) Bromomethane	1.53	94	33350	50.33	ug/L	99
8) Chloroethane	1.59	64	52502	53.37	ug/L	96
9) Trichlorofluoromethane	1.77	101	131183	51.91	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	76518	52.45	ug/L	97
12) 1,1-Dichloroethene	2.14	96	68496	52.31	ug/L	84
13) Acetone	2.19	43	143574	97.85	ug/L	99
14) Carbon disulfide	2.32	76	260479	51.09	ug/L	99
15) Methyl Acetate	2.46	43	122192	52.81	ug/L	99
16) Methylene chloride	2.54	84	103801	51.18	ug/L	95
17) trans-1,2-Dichloroethene	2.79	96	94358	51.96	ug/L	96
18) Methyl tert-butyl Ether	2.81	73	321558	53.31	ug/L	98
19) 1,1-Dichloroethane	3.23	63	179372	51.48	ug/L	97
20) cis-1,2-Dichloroethene	3.96	96	107052	51.55	ug/L	80
22) 2-Butanone	4.02	43	182730	98.35	ug/L	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	52480	52.48	ug/L	84
25) Chloroform	4.43	83	186756	51.50	ug/L	96
27) 1,2-Dichloroethane	5.18	62	149374	53.17	ug/L	99
29) Cyclohexane	4.73	56	171594	53.14	ug/L #	100
30) 1,1,1-Trichloroethane	4.66	97	155509	52.80	ug/L	96
31) Carbon tetrachloride	4.88	117	128941	52.64	ug/L	98
33) Benzene	5.15	78	402755	52.56	ug/L	100
34) Trichloroethene	5.96	95	106415	52.40	ug/L	91
35) Methylcyclohexane	6.18	83	178813	53.33	ug/L	99
37) 1,2-Dichloropropane	6.22	63	108902	52.62	ug/L #	94
38) Bromodichloromethane	6.56	83	130444	52.59	ug/L	100
39) cis-1,3-Dichloropropene	7.07	75	161113	54.77	ug/L	94
40) 4-Methyl-2-pentanone	7.27	43	305743	105.19	ug/L	95
42) Toluene	7.43	91	420004	52.71	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	143998	53.81	ug/L	93
45) 1,1,2-Trichloroethane	7.88	97	101095	53.52	ug/L	94
46) Tetrachloroethene	8.02	164	78263	53.36	ug/L	97
48) 2-Hexanone	8.19	43	234242	102.80	ug/L	96
49) Dibromochloromethane	8.29	129	99995	53.29	ug/L	96
50) 1,2-Dibromoethane	8.40	107	104807	53.28	ug/L #	98
51) Chlorobenzene	8.93	112	269194	53.10	ug/L	94
52) Ethylbenzene	9.06	91	465975	53.29	ug/L	98
53) m,p-Xylene	9.18	106	172565	53.71	ug/L	89
54) o-xylene	9.59	106	168729	52.81	ug/L	93
55) Styrene	9.60	104	287970	54.05	ug/L	100
56) Isopropylbenzene	9.98	105	452802	53.90	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	160115	50.11	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	132584	50.57	ug/L	100
61) Bromoform	9.78	173	63703	52.86	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	195422	53.14	ug/L	97
63) 1,4-Dichlorobenzene	11.32	146	197243	52.63	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	202525	53.36	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	33689	54.81	ug/L	94
67) 1,3,5-Trichlorobenzene	12.69	180	140753	54.98	ug/L	97
68) 1,2,4-trichlorobenzene	13.31	180	120959	62.26	ug/L	98
69) Naphthalene	13.55	128	365906	66.15	ug/L	98
70) 1,2,3-Trichlorobenzene	13.80	180	124416	62.28	ug/L	98

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

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