

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090418\
 Data File : VV007342.D
 Acq On : 04 Sep 2018 21:13
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV65

Quant Time: Sep 05 01:26:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090418WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 05 01:26:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	283919	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	265590	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	119124	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	100621	49.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.24%
7) Chloroethane-d5	1.58	69	84741	63.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	127.58%
11) 1,1-Dichloroethene-d2	2.13	63	182039	50.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.92%
21) 2-Butanone-d5	3.96	46	180556	109.46	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.46%
24) Chloroform-d	4.41	84	214141	51.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.10%
26) 1,2-Dichloroethane-d4	5.09	65	129921	51.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.68%
32) Benzene-d6	5.11	84	424768	53.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.14%
36) 1,2-Dichloropropane-d6	6.12	67	139190	51.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.78%
41) Toluene-d8	7.37	98	370602	53.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.56%
43) trans-1,3-Dichloropropene-	7.67	79	60014	52.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.04%
47) 2-Hexanone-d5	8.14	63	114091	108.50	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.50%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	190470	51.98	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.96%
64) 1,2-Dichlorobenzene-d4	11.68	152	136734	53.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.82%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.14	85	110974	49.25	ug/L	99
3) Chloromethane	1.25	50	114711	47.99	ug/L	98
5) Vinyl chloride	1.32	62	118530	48.91	ug/L	98
6) Bromomethane	1.53	94	61535	52.70	ug/L	97
8) Chloroethane	1.59	64	72932	58.65	ug/L	100
9) Trichlorofluoromethane	1.77	101	154755	50.45	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	97240	51.05	ug/L	98
12) 1,1-Dichloroethene	2.14	96	89611	49.91	ug/L	97
13) Acetone	2.20	43	99963	101.76	ug/L	98
14) Carbon disulfide	2.32	76	257261	50.56	ug/L	100
15) Methyl Acetate	2.47	43	112411	52.53	ug/L	98
16) Methylene chloride	2.54	84	102997	48.24	ug/L	98
17) trans-1,2-Dichloroethene	2.79	96	96523	49.28	ug/L	100
18) Methyl tert-butyl Ether	2.82	73	304058	49.56	ug/L	100
19) 1,1-Dichloroethane	3.23	63	201013	49.55	ug/L	99
20) cis-1,2-Dichloroethene	3.97	96	113260	50.25	ug/L	98
22) 2-Butanone	4.04	43	176633	107.36	ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.31	128	58159	49.31	ug/L	99
25) Chloroform	4.44	83	200589	50.23	ug/L	99
27) 1,2-Dichloroethane	5.19	62	146764	49.09	ug/L	100
29) Cyclohexane	4.73	56	154905	52.61	ug/L	99
30) 1,1,1-Trichloroethane	4.66	97	167213	51.55	ug/L	98
31) Carbon tetrachloride	4.88	117	142373	50.71	ug/L	99
33) Benzene	5.15	78	445450	52.43	ug/L	100
34) Trichloroethene	5.96	95	105151	50.70	ug/L	98
35) Methylcyclohexane	6.18	83	156481	50.60	ug/L	98
37) 1,2-Dichloropropane	6.23	63	117179	50.19	ug/L	100
38) Bromodichloromethane	6.56	83	142066	49.84	ug/L	100
39) cis-1,3-Dichloropropene	7.08	75	152563	48.66	ug/L	98
40) 4-Methyl-2-pentanone	7.29	43	288509	106.97	ug/L	99
42) Toluene	7.44	91	439201	53.74	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	148640	50.71	ug/L	100
45) 1,1,2-Trichloroethane	7.89	97	111549	50.62	ug/L	99
46) Tetrachloroethene	8.02	164	86607	51.94	ug/L	99
48) 2-Hexanone	8.19	43	234293	111.39	ug/L	98
49) Dibromochloromethane	8.30	129	112080	49.59	ug/L	98
50) 1,2-Dibromoethane	8.40	107	110629	51.41	ug/L	98
51) Chlorobenzene	8.93	112	278512	50.47	ug/L	100
52) Ethylbenzene	9.06	91	420030	50.68	ug/L	100
53) m,p-Xylene	9.19	106	162330	51.16	ug/L	99
54) o-xylene	9.59	106	156986	50.88	ug/L	99
55) Styrene	9.61	104	280352	52.45	ug/L	99
56) Isopropylbenzene	9.98	105	403653	51.73	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	178167	51.12	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	145118	52.26	ug/L	99
61) Bromoform	9.78	173	82583	50.91	ug/L	100
62) 1,3-Dichlorobenzene	11.23	146	191407	52.89	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	200602	51.68	ug/L	100
65) 1,2-Dichlorobenzene	11.70	146	210241	51.97	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	37725	55.00	ug/L	99
67) 1,3,5-Trichlorobenzene	12.70	180	146380	52.71	ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	116314	54.07	ug/L	99
69) Naphthalene	13.56	128	325245	52.38	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	134656	56.64	ug/L	99

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

