

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082918\
 Data File : VU026427.D
 Acq On : 29 Aug 2018 16:47
 Operator : MD/SY
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV52

Quant Time: Aug 30 02:22:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 30 02:20:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	164659	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	158954	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	84473	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	48656	47.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.38%
7) Chloroethane-d5	1.68	69	43705	47.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.86%
11) 1,1-Dichloroethene-d2	2.27	63	112342	48.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.80%
21) 2-Butanone-d5	4.18	46	77789	98.24	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.24%
24) Chloroform-d	4.65	84	93947	48.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.52%
26) 1,2-Dichloroethane-d4	5.31	65	61921	48.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.54%
32) Benzene-d6	5.34	84	184164	50.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.54%
36) 1,2-Dichloropropane-d6	6.33	67	62258	49.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.94%
41) Toluene-d8	7.57	98	181930	51.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.88%
43) trans-1,3-Dichloropropene-	7.85	79	30080	52.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.68%
47) 2-Hexanone-d5	8.31	63	61218	106.06	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.06%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	89905	48.49	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.98%
64) 1,2-Dichlorobenzene-d4	11.86	152	76440	49.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.76%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.20	85	63884	49.76	ug/L	99
3) Chloromethane	1.33	50	80061	50.50	ug/L	100
5) Vinyl chloride	1.40	62	84904	49.40	ug/L	98
6) Bromomethane	1.62	94	51808	50.85	ug/L	100
8) Chloroethane	1.70	64	51451	49.86	ug/L	98
9) Trichlorofluoromethane	1.88	101	106536	48.75	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	60464	49.58	ug/L	100
12) 1,1-Dichloroethene	2.28	96	57953	49.31	ug/L	95
13) Acetone	2.32	43	62787	91.58	ug/L	100
14) Carbon disulfide	2.48	76	168190	50.57	ug/L	99
15) Methyl Acetate	2.62	43	66127	49.12	ug/L	100
16) Methylene chloride	2.70	84	58576	48.47	ug/L	99
17) trans-1,2-Dichloroethene	2.98	96	53429	50.26	ug/L	98
18) Methyl tert-butyl Ether	3.00	73	163337	50.61	ug/L	99
19) 1,1-Dichloroethane	3.45	63	102355	49.00	ug/L	99
20) cis-1,2-Dichloroethene	4.23	96	60882	51.12	ug/L	99
22) 2-Butanone	4.26	43	91893	99.71	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	31008	50.54	ug/L	97
25) Chloroform	4.67	83	103642	48.58	ug/L	99
27) 1,2-Dichloroethane	5.41	62	85699	49.81	ug/L	100
29) Cyclohexane	5.00	56	90440	52.22	ug/L	99
30) 1,1,1-Trichloroethane	4.92	97	86569	49.49	ug/L	99
31) Carbon tetrachloride	5.14	117	79588	50.08	ug/L	100
33) Benzene	5.39	78	230639	50.61	ug/L	100
34) Trichloroethene	6.19	95	58103	50.83	ug/L	99
35) Methylcyclohexane	6.42	83	96419	54.02	ug/L	99
37) 1,2-Dichloropropane	6.44	63	63037	49.97	ug/L	99
38) Bromodichloromethane	6.76	83	78634	48.88	ug/L	98
39) cis-1,3-Dichloropropene	7.27	75	95409	53.08	ug/L	99
40) 4-Methyl-2-pentanone	7.46	43	172014	101.10	ug/L	99
42) Toluene	7.64	91	248057	52.17	ug/L	98
44) trans-1,3-Dichloropropene	7.88	75	91085	53.16	ug/L	100
45) 1,1,2-Trichloroethane	8.07	97	57140	49.44	ug/L	100
46) Tetrachloroethene	8.23	164	48433	51.83	ug/L	98
48) 2-Hexanone	8.36	43	138573	103.41	ug/L	99
49) Dibromochloromethane	8.48	129	65847	50.57	ug/L	98
50) 1,2-Dibromoethane	8.59	107	61677	50.12	ug/L	96
51) Chlorobenzene	9.12	112	160265	50.40	ug/L	99
52) Ethylbenzene	9.25	91	272109	52.62	ug/L	100
53) m,p-Xylene	9.38	106	104320	54.02	ug/L	96
54) o-xylene	9.78	106	101749	54.03	ug/L	97
55) Styrene	9.80	104	177435	53.94	ug/L	100
56) Isopropylbenzene	10.17	105	263603	53.48	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.46	83	100294	49.27	ug/L	99
59) 1,2,3-Trichloropropane	10.50	75	77045	48.94	ug/L	98
61) Bromoform	9.96	173	50951	48.87	ug/L	100
62) 1,3-Dichlorobenzene	11.42	146	126767	51.28	ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	132129	50.54	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	131667	50.50	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.66	75	20716	47.25	ug/L	99
67) 1,3,5-Trichlorobenzene	12.89	180	105859	53.07	ug/L	99
68) 1,2,4-trichlorobenzene	13.51	180	94807	54.41	ug/L	100
69) Naphthalene	13.74	128	298108	54.80	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	101990	53.31	ug/L	99

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

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