

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092518\
 Data File : VU027130.D
 Acq On : 25 Sep 2018 13:45
 Operator : MD/SY
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV55

Quant Time: Sep 26 02:27:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM092518WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 26 02:22:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	190874	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	180917	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	85373	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	81690	48.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.22%
7) Chloroethane-d5	1.68	69	65147	48.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.98%
11) 1,1-Dichloroethene-d2	2.27	63	155359	48.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.20%
21) 2-Butanone-d5	4.18	46	138347	100.20	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.20%
24) Chloroform-d	4.65	84	137521	50.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.78%
26) 1,2-Dichloroethane-d4	5.31	65	92645	47.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.88%
32) Benzene-d6	5.34	84	273869	51.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.32%
36) 1,2-Dichloropropane-d6	6.33	67	96510	50.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.16%
41) Toluene-d8	7.57	98	243544	51.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.96%
43) trans-1,3-Dichloropropene-	7.85	79	44504	52.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.46%
47) 2-Hexanone-d5	8.31	63	97033	105.36	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.36%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	127371	49.84	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.68%
64) 1,2-Dichlorobenzene-d4	11.86	152	84169	48.25	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.50%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.21	85	92049	49.380	ug/L 100
3) Chloromethane	1.33	50	116709	49.261	ug/L 99
5) Vinyl chloride	1.40	62	106339	47.821	ug/L 99
6) Bromomethane	1.62	94	47222	49.844	ug/L 96
8) Chloroethane	1.70	64	63627	49.119	ug/L 99
9) Trichlorofluoromethane	1.88	101	116478	49.182	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	66980	49.271	ug/L 100
12) 1,1-Dichloroethene	2.28	96	60484	48.037	ug/L 90
13) Acetone	2.32	43	123401	96.776	ug/L 99
14) Carbon disulfide	2.48	76	208749	47.634	ug/L 100
15) Methyl Acetate	2.61	43	108725	46.928	ug/L 99
16) Methylene chloride	2.70	84	77368	47.822	ug/L 99
17) trans-1,2-Dichloroethene	2.98	96	66731	48.613	ug/L 98
18) Methyl tert-butyl Ether	3.00	73	238089	49.777	ug/L 99
19) 1,1-Dichloroethane	3.45	63	151078	47.889	ug/L 99
20) cis-1,2-Dichloroethene	4.22	96	76568	49.561	ug/L 98
22) 2-Butanone	4.26	43	165998	99.799	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	35049	48.244	ug/L	96
25) Chloroform	4.67	83	140711	47.564	ug/L	99
27) 1,2-Dichloroethane	5.40	62	119812	48.810	ug/L	100
29) Cyclohexane	5.00	56	141870	53.336	ug/L	99
30) 1,1,1-Trichloroethane	4.92	97	112453	49.661	ug/L	100
31) Carbon tetrachloride	5.13	117	95954	50.015	ug/L	99
33) Benzene	5.39	78	309487	50.982	ug/L	100
34) Trichloroethene	6.19	95	71058	50.173	ug/L	99
35) Methylcyclohexane	6.42	83	124220	52.033	ug/L	99
37) 1,2-Dichloropropane	6.43	63	92617	49.751	ug/L	100
38) Bromodichloromethane	6.76	83	104017	49.189	ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	131515	52.498	ug/L	99
40) 4-Methyl-2-pentanone	7.46	43	282913	103.592	ug/L	99
42) Toluene	7.64	91	312500	52.193	ug/L	100
44) trans-1,3-Dichloropropene	7.88	75	124514	51.430	ug/L	99
45) 1,1,2-Trichloroethane	8.07	97	73514	49.842	ug/L	98
46) Tetrachloroethene	8.23	164	51800	51.001	ug/L	98
48) 2-Hexanone	8.36	43	230750	103.543	ug/L	98
49) Dibromochloromethane	8.48	129	76135	50.592	ug/L	99
50) 1,2-Dibromoethane	8.59	107	74572	49.231	ug/L	98
51) Chlorobenzene	9.12	112	187448	49.492	ug/L	100
52) Ethylbenzene	9.25	91	337234	51.581	ug/L	99
53) m,p-Xylene	9.38	106	122457	52.608	ug/L	98
54) o-xylene	9.78	106	121894	53.458	ug/L	95
55) Styrene	9.79	104	210328	53.799	ug/L	99
56) Isopropylbenzene	10.17	105	318800	53.553	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.46	83	132056	49.096	ug/L	97
59) 1,2,3-Trichloropropane	10.49	75	106105	48.823	ug/L	99
61) Bromoform	9.96	173	51830	47.276	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	129145	48.658	ug/L	97
63) 1,4-Dichlorobenzene	11.51	146	135762	48.210	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	138320	48.252	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.66	75	28022	48.171	ug/L	99
67) 1,3,5-Trichlorobenzene	12.89	180	97787	50.471	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	85252	51.722	ug/L	99
69) Naphthalene	13.75	128	299175	53.454	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	92404	51.030	ug/L	99

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

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