

Data File : VU025458.D
Acq On : 17 Jul 2018 13:30
Operator : MD/SY
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VICV46

Quant Time: Jul 18 05:54:15 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071718WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jul 18 05:54:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	367862	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	341487	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	178473	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	84828	48.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.80%
7) Chloroethane-d5	1.68	69	69799	47.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.46%
11) 1,1-Dichloroethene-d2	2.27	63	188378	49.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.90%
21) 2-Butanone-d5	4.18	46	180546	97.81	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.81%
24) Chloroform-d	4.65	84	215196	47.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.64%
26) 1,2-Dichloroethane-d4	5.31	65	144408	47.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.30%
32) Benzene-d6	5.35	84	397834	48.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.42%
36) 1,2-Dichloropropane-d6	6.34	67	132607	48.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.04%
41) Toluene-d8	7.57	98	390232	48.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.70%
43) trans-1,3-Dichloropropene-	7.85	79	70503	49.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.12%
47) 2-Hexanone-d5	8.31	63	138635	97.85	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.85%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	197089	48.57	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.14%
64) 1,2-Dichlorobenzene-d4	11.86	152	173292	48.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.90%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	148220	48.975	ug/L	100
3) Chloromethane	1.33	50	132757	49.569	ug/L	99
5) Vinyl chloride	1.41	62	131970	49.007	ug/L	99
6) Bromomethane	1.63	94	82678	56.332	ug/L	98
8) Chloroethane	1.70	64	77220	47.918	ug/L	98
9) Trichlorofluoromethane	1.89	101	189040	47.751	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	112983	52.564	ug/L	99
12) 1,1-Dichloroethene	2.28	96	100185	50.247	ug/L	94
13) Acetone	2.32	43	175705	108.999	ug/L	100
14) Carbon disulfide	2.48	76	317645	49.302	ug/L	100
15) Methyl Acetate	2.62	43	141553	47.516	ug/L	97
16) Methylene chloride	2.70	84	125705	48.209	ug/L	97
17) trans-1,2-Dichloroethene	2.99	96	115204	48.848	ug/L	98
18) Methyl tert-butyl Ether	3.00	73	400710	47.952	ug/L	100
19) 1,1-Dichloroethane	3.45	63	223636	47.403	ug/L	99
20) cis-1,2-Dichloroethene	4.23	96	133630	46.279	ug/L	100
22) 2-Butanone	4.27	43	226595	102.124	ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	70277	48.558	ug/L	98
25) Chloroform	4.68	83	231950	46.789	ug/L	96
27) 1,2-Dichloroethane	5.41	62	191603	46.541	ug/L	98
29) Cyclohexane	5.00	56	192720	49.009	ug/L	100
30) 1,1,1-Trichloroethane	4.92	97	211578	46.558	ug/L	99
31) Carbon tetrachloride	5.14	117	193330	48.426	ug/L	99
33) Benzene	5.39	78	478176	47.332	ug/L	100
34) Trichloroethene	6.19	95	129792	48.532	ug/L	98
35) Methylcyclohexane	6.42	83	203232	50.053	ug/L	99
37) 1,2-Dichloropropane	6.44	63	132762	47.638	ug/L	99
38) Bromodichloromethane	6.76	83	179030	47.578	ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	216158	50.060	ug/L	100
40) 4-Methyl-2-pentanone	7.46	43	388215	96.048	ug/L	99
42) Toluene	7.64	91	521376	48.401	ug/L	99
44) trans-1,3-Dichloropropene	7.88	75	206903	49.913	ug/L	98
45) 1,1,2-Trichloroethane	8.07	97	126167	47.749	ug/L	99
46) Tetrachloroethene	8.23	164	109098	48.901	ug/L	99
48) 2-Hexanone	8.36	43	318909	98.756	ug/L	99
49) Dibromochloromethane	8.48	129	153968	48.135	ug/L	97
50) 1,2-Dibromoethane	8.59	107	141451	48.501	ug/L	99
51) Chlorobenzene	9.12	112	351048	48.569	ug/L	99
52) Ethylbenzene	9.25	91	590966	49.147	ug/L	100
53) m,p-Xylene	9.38	106	224460	48.702	ug/L	95
54) o-xylene	9.78	106	229332	49.323	ug/L	95
55) Styrene	9.80	104	383177	49.897	ug/L	99
56) Isopropylbenzene	10.17	105	598681	49.721	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.46	83	215548	47.382	ug/L	99
59) 1,2,3-Trichloropropane	10.50	75	175063	47.237	ug/L	100
61) Bromoform	9.96	173	117080	46.506	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	284722	48.134	ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	289519	48.433	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	299686	47.980	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.66	75	53182	45.499	ug/L	96
67) 1,3,5-Trichlorobenzene	12.89	180	228267	50.205	ug/L	99
68) 1,2,4-trichlorobenzene	13.51	180	207448	51.168	ug/L	100
69) Naphthalene	13.74	128	694007	49.473	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	217631	49.772	ug/L	99

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

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