

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040920\
 Data File : VU037613.D
 Acq On : 09 Apr 2020 12:43
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV36

Quant Time: Apr 10 02:47:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 09 12:32:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	581264	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	554806	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	281073	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	244776	48.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.34%
7) Chloroethane-d5	1.93	69	198393	48.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.62%
11) 1,1-Dichloroethene-d2	2.59	63	402124	48.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.12%
21) 2-Butanone-d5	4.66	46	370364	89.96	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.96%
24) Chloroform-d	5.10	84	375988	49.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.48%
26) 1,2-Dichloroethane-d4	5.74	65	246170	47.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.90%
32) Benzene-d6	5.76	84	800211	49.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.04%
36) 1,2-Dichloropropane-d6	6.72	67	263517	48.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.00%
41) Toluene-d8	7.92	98	733877	48.49	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.98%
43) trans-1,3-Dichloropropene-	8.20	79	138467	47.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.28%
47) 2-Hexanone-d5	8.66	63	282715	90.88	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.88%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	359897	46.89	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.78%
64) 1,2-Dichlorobenzene-d4	12.21	152	276075	47.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.40	85	249664	54.831	ug/L 99
3) Chloromethane	1.54	50	274239	51.498	ug/L 98
5) Vinyl chloride	1.62	62	285310	51.197	ug/L 98
6) Bromomethane	1.87	94	152463	51.982	ug/L 100
8) Chloroethane	1.95	64	166997	50.478	ug/L 100
9) Trichlorofluoromethane	2.16	101	310390	51.575	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	183724	50.141	ug/L 100
12) 1,1-Dichloroethene	2.60	96	181212	48.768	ug/L 95
13) Acetone	2.65	43	226019	92.955	ug/L 100
14) Carbon disulfide	2.82	76	616585	48.439	ug/L 100
15) Methyl Acetate	2.98	43	274492	47.472	ug/L 99
16) Methylene chloride	3.08	84	209164	49.272	ug/L 97
17) trans-1,2-Dichloroethene	3.39	96	198680	49.840	ug/L 99
18) Methyl tert-butyl Ether	3.40	73	696943	50.646	ug/L 100
19) 1,1-Dichloroethane	3.91	63	389495	49.839	ug/L 99
20) cis-1,2-Dichloroethene	4.71	96	218949	49.953	ug/L 98
22) 2-Butanone	4.75	43	391775	92.056	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	106383	49.801	ug/L	99
25) Chloroform	5.13	83	371269	50.489	ug/L	99
27) 1,2-Dichloroethane	5.83	62	307594	50.573	ug/L	100
29) Cyclohexane	5.42	56	395299	51.812	ug/L	100
30) 1,1,1-Trichloroethane	5.36	97	316018	50.253	ug/L	100
31) Carbon tetrachloride	5.56	117	257827	50.505	ug/L	100
33) Benzene	5.81	78	861434	51.021	ug/L	100
34) Trichloroethene	6.57	95	209810	50.480	ug/L	97
35) Methylcyclohexane	6.79	83	381806	51.773	ug/L	100
37) 1,2-Dichloropropane	6.82	63	231345	49.866	ug/L	100
38) Bromodichloromethane	7.14	83	289734	50.732	ug/L	99
39) cis-1,3-Dichloropropene	7.64	75	387397	51.017	ug/L	100
40) 4-Methyl-2-pentanone	7.82	43	774056	93.946	ug/L	99
42) Toluene	8.00	91	912472	50.875	ug/L	100
44) trans-1,3-Dichloropropene	8.24	75	370887	50.388	ug/L	98
45) 1,1,2-Trichloroethane	8.43	97	207633	50.159	ug/L	99
46) Tetrachloroethene	8.58	164	156689	50.669	ug/L	97
48) 2-Hexanone	8.71	43	598849	92.047	ug/L	99
49) Dibromochloromethane	8.83	129	222434	50.110	ug/L	98
50) 1,2-Dibromoethane	8.95	107	224768	50.185	ug/L	97
51) Chlorobenzene	9.47	112	567605	50.675	ug/L	99
52) Ethylbenzene	9.59	91	1004049	49.931	ug/L	99
53) m,p-Xylene	9.72	106	392861	51.452	ug/L	100
54) o-xylene	10.12	106	386237	51.004	ug/L	98
55) Styrene	10.13	104	672358	51.208	ug/L	99
56) Isopropylbenzene	10.50	105	993904	50.407	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.80	83	360375	48.755	ug/L	100
59) 1,2,3-Trichloropropane	10.84	75	301829	47.890	ug/L	100
61) Bromoform	10.31	173	173011	48.569	ug/L	100
62) 1,3-Dichlorobenzene	11.76	146	444614	49.144	ug/L	100
63) 1,4-Dichlorobenzene	11.85	146	445051	49.029	ug/L	99
65) 1,2-Dichlorobenzene	12.23	146	434392	48.720	ug/L	100
66) 1,2-Dibromo-3-chloropropan	13.02	75	95137	46.062	ug/L	95
67) 1,3,5-Trichlorobenzene	13.25	180	332476	50.260	ug/L	99
68) 1,2,4-trichlorobenzene	13.87	180	314183	49.242	ug/L	99
69) Naphthalene	14.12	128	1090837	46.335	ug/L	100
70) 1,2,3-Trichlorobenzene	14.37	180	309555	48.693	ug/L	99

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

