

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU043020\
 Data File : VU037948.D
 Acq On : 30 Apr 2020 12:11
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV33

Quant Time: May 01 02:18:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM043020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 01 02:16:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	702614	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	693528	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	329726	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	294306	47.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.24%
7) Chloroethane-d5	1.93	69	240098	47.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.52%
11) 1,1-Dichloroethene-d2	2.59	63	489278	48.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.80%
21) 2-Butanone-d5	4.66	46	455739	94.35	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.35%
24) Chloroform-d	5.10	84	463037	48.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.76%
26) 1,2-Dichloroethane-d4	5.74	65	313368	47.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.28%
32) Benzene-d6	5.76	84	978857	47.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.76%
36) 1,2-Dichloropropane-d6	6.72	67	318808	47.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.08%
41) Toluene-d8	7.92	98	898630	47.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.84%
43) trans-1,3-Dichloropropene-	8.20	79	155049	48.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.56%
47) 2-Hexanone-d5	8.65	63	278833	94.59	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.59%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	454460	46.53	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.06%
64) 1,2-Dichlorobenzene-d4	12.20	152	318694	46.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.46%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	266866	48.818	ug/L 99
3) Chloromethane	1.53	50	341107	49.237	ug/L 100
5) Vinyl chloride	1.62	62	348523	49.510	ug/L 100
6) Bromomethane	1.86	94	175706	52.404	ug/L 99
8) Chloroethane	1.94	64	210570	49.738	ug/L 99
9) Trichlorofluoromethane	2.15	101	359455	49.129	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	219358	48.783	ug/L 99
12) 1,1-Dichloroethene	2.60	96	226530	49.227	ug/L 98
13) Acetone	2.65	43	301018	96.754	ug/L 99
14) Carbon disulfide	2.82	76	770775	50.565	ug/L 99
15) Methyl Acetate	2.98	43	335483	49.526	ug/L 100
16) Methylene chloride	3.07	84	267945	49.398	ug/L 99
17) trans-1,2-Dichloroethene	3.38	96	245817	49.477	ug/L 99
18) Methyl tert-butyl Ether	3.40	73	831450	50.297	ug/L 99
19) 1,1-Dichloroethane	3.91	63	490747	49.585	ug/L 99
20) cis-1,2-Dichloroethene	4.70	96	272083	49.528	ug/L 96
22) 2-Butanone	4.74	43	496321	98.565	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.01	128	128371	49.678	ug/L	98
25) Chloroform	5.12	83	468516	49.315	ug/L	100
27) 1,2-Dichloroethane	5.83	62	390192	49.669	ug/L	99
29) Cyclohexane	5.42	56	455050	50.215	ug/L	99
30) 1,1,1-Trichloroethane	5.35	97	387549	50.272	ug/L	99
31) Carbon tetrachloride	5.56	117	302665	49.735	ug/L	100
33) Benzene	5.81	78	1073873	49.532	ug/L	100
34) Trichloroethene	6.57	95	260365	49.525	ug/L	99
35) Methylcyclohexane	6.79	83	429740	48.662	ug/L	99
37) 1,2-Dichloropropane	6.82	63	290607	50.135	ug/L	100
38) Bromodichloromethane	7.13	83	346624	49.251	ug/L	98
39) cis-1,3-Dichloropropene	7.63	75	455081	51.217	ug/L	98
40) 4-Methyl-2-pentanone	7.82	43	932165	99.253	ug/L	99
42) Toluene	7.99	91	1139721	50.036	ug/L	100
44) trans-1,3-Dichloropropene	8.23	75	426757	51.444	ug/L	98
45) 1,1,2-Trichloroethane	8.42	97	257745	49.096	ug/L	99
46) Tetrachloroethene	8.57	164	180362	46.989	ug/L	98
48) 2-Hexanone	8.71	43	772420	99.799	ug/L	98
49) Dibromochloromethane	8.83	129	258180	50.994	ug/L	98
50) 1,2-Dibromoethane	8.94	107	273153	48.436	ug/L	98
51) Chlorobenzene	9.47	112	700654	49.402	ug/L	99
52) Ethylbenzene	9.59	91	1277422	50.591	ug/L	99
53) m,p-Xylene	9.71	106	486431	50.738	ug/L	99
54) o-xylene	10.12	106	475420	50.367	ug/L	99
55) Styrene	10.13	104	816761	50.942	ug/L	99
56) Isopropylbenzene	10.50	105	1223823	50.354	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.80	83	457808	48.847	ug/L	99
59) 1,2,3-Trichloropropane	10.84	75	389034	48.405	ug/L	100
61) Bromoform	10.31	173	173262	49.144	ug/L	99
62) 1,3-Dichlorobenzene	11.76	146	527521	49.970	ug/L	98
63) 1,4-Dichlorobenzene	11.85	146	533403	50.005	ug/L	100
65) 1,2-Dichlorobenzene	12.22	146	523884	49.193	ug/L	98
66) 1,2-Dibromo-3-chloropropan	13.01	75	108408	48.769	ug/L	99
67) 1,3,5-Trichlorobenzene	13.24	180	364274	50.616	ug/L	100
68) 1,2,4-trichlorobenzene	13.86	180	352031	51.031	ug/L	100
69) Naphthalene	14.11	128	1383370	52.270	ug/L	100
70) 1,2,3-Trichlorobenzene	14.36	180	355159	52.312	ug/L	100

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

