

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072320\
 Data File : VU039637.D
 Acq On : 23 Jul 2020 14:08
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05010

Quant Time: Jul 24 01:35:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 23 13:03:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	229104	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	220566	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	115735	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	66110	44.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.64%
7) Chloroethane-d5	1.92	69	74025	41.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.84%
11) 1,1-Dichloroethene-d2	2.58	63	138597	43.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.80%
21) 2-Butanone-d5	4.65	46	146352	85.00	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.00%
24) Chloroform-d	5.09	84	153265	45.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.38%
26) 1,2-Dichloroethane-d4	5.72	65	104838	43.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.48%
32) Benzene-d6	5.75	84	283992	46.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.74%
36) 1,2-Dichloropropane-d6	6.71	67	90504	45.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.14%
41) Toluene-d8	7.91	98	267769	46.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.92%
43) trans-1,3-Dichloropropene-	8.19	79	46877	46.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.48%
47) 2-Hexanone-d5	8.64	63	103282	94.27	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.27%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	144708	45.50	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	117864	46.57	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.14%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	77276	49.520	ug/L 99
3) Chloromethane	1.53	50	74806	46.133	ug/L 98
5) Vinyl chloride	1.61	62	75967	46.109	ug/L 100
6) Bromomethane	1.86	94	77238	62.390	ug/L 98
8) Chloroethane	1.94	64	58558	39.965	ug/L 100
9) Trichlorofluoromethane	2.15	101	131042	45.007	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	63136	45.050	ug/L 98
12) 1,1-Dichloroethene	2.59	96	60769	46.497	ug/L 95
13) Acetone	2.65	43	87013	75.934	ug/L 100
14) Carbon disulfide	2.81	76	193755	46.331	ug/L 99
15) Methyl Acetate	2.96	43	94266	45.919	ug/L 98
16) Methylene chloride	3.06	84	73893	47.210	ug/L 95
17) trans-1,2-Dichloroethene	3.37	96	68619	47.183	ug/L 97
18) Methyl tert-butyl Ether	3.38	73	230427	49.031	ug/L 99
19) 1,1-Dichloroethane	3.89	63	134077	47.242	ug/L 98
20) cis-1,2-Dichloroethene	4.69	96	77635	46.711	ug/L 100
22) 2-Butanone	4.73	43	144620	89.553	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.00	128	38936	46.613	ug/L	97
25) Chloroform	5.11	83	146102	46.411	ug/L	99
27) 1,2-Dichloroethane	5.81	62	117174	44.889	ug/L	98
29) Cyclohexane	5.41	56	120831	50.425	ug/L	98
30) 1,1,1-Trichloroethane	5.34	97	127954	48.458	ug/L	97
31) Carbon tetrachloride	5.54	117	112064	51.163	ug/L	98
33) Benzene	5.79	78	296773	48.820	ug/L	100
34) Trichloroethene	6.56	95	80015	49.764	ug/L	99
35) Methylcyclohexane	6.78	83	118650	47.725	ug/L	99
37) 1,2-Dichloropropane	6.81	63	80592	48.969	ug/L	100
38) Bromodichloromethane	7.12	83	108706	49.735	ug/L	97
39) cis-1,3-Dichloropropene	7.62	75	120402	48.952	ug/L	99
40) 4-Methyl-2-pentanone	7.80	43	276392	96.398	ug/L	99
42) Toluene	7.98	91	329089	49.228	ug/L	99
44) trans-1,3-Dichloropropene	8.22	75	122418	50.824	ug/L	100
45) 1,1,2-Trichloroethane	8.41	97	78506	50.021	ug/L	96
46) Tetrachloroethene	8.56	164	58388	48.008	ug/L	97
48) 2-Hexanone	8.69	43	233358	99.885	ug/L	99
49) Dibromochloromethane	8.82	129	87349	49.292	ug/L	99
50) 1,2-Dibromoethane	8.93	107	86185	49.358	ug/L	100
51) Chlorobenzene	9.45	112	208723	48.932	ug/L	98
52) Ethylbenzene	9.57	91	369070	49.959	ug/L	98
53) m,p-Xylene	9.70	106	141309	50.745	ug/L	94
54) o-xylene	10.10	106	139032	52.026	ug/L	98
55) Styrene	10.11	104	242088	52.349	ug/L	99
56) Isopropylbenzene	10.48	105	373865	51.533	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.78	83	138910	48.559	ug/L	96
59) 1,2,3-Trichloropropane	10.82	75	113670	47.599	ug/L	99
61) Bromoform	10.29	173	68411	49.971	ug/L	99
62) 1,3-Dichlorobenzene	11.74	146	174292	49.162	ug/L	97
63) 1,4-Dichlorobenzene	11.83	146	176278	49.633	ug/L	99
65) 1,2-Dichlorobenzene	12.21	146	176898	49.379	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.99	75	36174	50.476	ug/L	93
67) 1,3,5-Trichlorobenzene	13.21	180	125513	49.092	ug/L	99
68) 1,2,4-trichlorobenzene	13.83	180	113543	52.331	ug/L	98
69) Naphthalene	14.08	128	381046	58.543	ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	117569	53.639	ug/L	98

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

