

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042820\
 Data File : VU037900.D
 Acq On : 29 Apr 2020 00:39
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Quant Time: Apr 29 04:19:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 29 04:16:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	583987	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	566111	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	257881	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	193416	37.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.82%
7) Chloroethane-d5	1.92	69	180761	45.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.42%
11) 1,1-Dichloroethene-d2	2.59	63	339279	41.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.16%
21) 2-Butanone-d5	4.66	46	443051	109.58	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.58%
24) Chloroform-d	5.10	84	399452	51.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.80%
26) 1,2-Dichloroethane-d4	5.74	65	286129	53.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.34%
32) Benzene-d6	5.76	84	792087	49.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.96%
36) 1,2-Dichloropropane-d6	6.72	67	282052	52.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.34%
41) Toluene-d8	7.92	98	691429	46.99	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.98%
43) trans-1,3-Dichloropropene-	8.20	79	129748	47.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.16%
47) 2-Hexanone-d5	8.65	63	341118	117.03	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	117.03%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	431754	57.95	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	115.90%
64) 1,2-Dichlorobenzene-d4	12.20	152	257973	51.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.82%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	156099	32.399	ug/L 99
3) Chloromethane	1.53	50	285146	54.302	ug/L 100
5) Vinyl chloride	1.62	62	263857	45.541	ug/L 99
6) Bromomethane	1.86	94	155631	64.917	ug/L 99
8) Chloroethane	1.94	64	174591	53.633	ug/L 100
9) Trichlorofluoromethane	2.15	101	237770	38.598	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	134137	37.366	ug/L 96
12) 1,1-Dichloroethene	2.60	96	169667	47.855	ug/L 95
13) Acetone	2.65	43	300779	124.692	ug/L 98
14) Carbon disulfide	2.82	76	528532	41.683	ug/L 99
15) Methyl Acetate	2.98	43	327599	56.190	ug/L 95
16) Methylene chloride	3.08	84	248033	58.874	ug/L 96
17) trans-1,2-Dichloroethene	3.38	96	198992	50.197	ug/L 92
18) Methyl tert-butyl Ether	3.40	73	828793	60.694	ug/L 99
19) 1,1-Dichloroethane	3.91	63	435917	54.551	ug/L 100
20) cis-1,2-Dichloroethene	4.70	96	242694	55.914	ug/L 96
22) 2-Butanone	4.74	43	494265	117.019	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.01	128	119797	57.118	ug/L	96
25) Chloroform	5.12	83	419007	56.039	ug/L	99
27) 1,2-Dichloroethane	5.83	62	369843	57.753	ug/L	98
29) Cyclohexane	5.42	56	267516	33.778	ug/L	95
30) 1,1,1-Trichloroethane	5.35	97	309722	48.989	ug/L	99
31) Carbon tetrachloride	5.56	117	221300	43.300	ug/L	100
33) Benzene	5.81	78	918886	53.478	ug/L	100
34) Trichloroethene	6.57	95	202420	48.027	ug/L	99
35) Methylcyclohexane	6.79	83	246019	33.335	ug/L	96
37) 1,2-Dichloropropane	6.82	63	266060	56.693	ug/L	98
38) Bromodichloromethane	7.13	83	323422	57.041	ug/L	98
39) cis-1,3-Dichloropropene	7.63	75	382927	50.963	ug/L	100
40) 4-Methyl-2-pentanone	7.82	43	938776	115.025	ug/L	96
42) Toluene	7.99	91	915057	50.794	ug/L	99
44) trans-1,3-Dichloropropene	8.23	75	372902	51.415	ug/L	98
45) 1,1,2-Trichloroethane	8.42	97	249013	60.825	ug/L	99
46) Tetrachloroethene	8.57	164	120021	38.960	ug/L	96
48) 2-Hexanone	8.71	43	745578	115.539	ug/L	96
49) Dibromochloromethane	8.83	129	242303	56.680	ug/L	98
50) 1,2-Dibromoethane	8.94	107	260852	58.821	ug/L	99
51) Chlorobenzene	9.47	112	576582	51.455	ug/L	99
52) Ethylbenzene	9.59	91	951077	47.143	ug/L	98
53) m,p-Xylene	9.71	106	363443	47.848	ug/L	100
54) o-xylene	10.12	106	373683	50.302	ug/L	99
55) Styrene	10.13	104	655611	51.318	ug/L	99
56) Isopropylbenzene	10.50	105	874283	44.469	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.80	83	450169	61.827	ug/L	98
59) 1,2,3-Trichloropropane	10.84	75	382182	60.623	ug/L	99
61) Bromoform	10.31	173	170022	58.583	ug/L	98
62) 1,3-Dichlorobenzene	11.76	146	409064	50.663	ug/L	99
63) 1,4-Dichlorobenzene	11.85	146	414149	50.819	ug/L	98
65) 1,2-Dichlorobenzene	12.22	146	434364	55.361	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.01	75	112193	64.162	ug/L	99
67) 1,3,5-Trichlorobenzene	13.24	180	270104	46.032	ug/L	99
68) 1,2,4-trichlorobenzene	13.86	180	282819	49.558	ug/L	98
69) Naphthalene	14.11	128	1300493	63.550	ug/L	100
70) 1,2,3-Trichlorobenzene	14.36	180	304093	53.962	ug/L	99

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

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