

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU043020\
 Data File : VU037943.D
 Acq On : 30 Apr 2020 09:54
 Operator : JC/MD
 Sample : VSTD00534
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00534

Quant Time: Apr 30 11:00:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM043020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 30 10:59:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	563856	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	543227	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	244725	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	30761	6.24	ug/L	0.00
7) Chloroethane-d5	1.93	69	24328	6.37	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	48078	6.03	ug/L	0.00
21) 2-Butanone-d5	4.67	46	45924	11.76	ug/L	0.00
24) Chloroform-d	5.10	84	43931	5.85	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.74	65	33798	6.50	ug/L	0.00
32) Benzene-d6	5.76	84	98911	6.44	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.72	67	33258	6.47	ug/L	0.00
41) Toluene-d8	7.92	98	88991	6.30	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.20	79	15096	5.71	ug/L	0.00
47) 2-Hexanone-d5	8.65	63	27976	10.00	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.77	84	45076	6.31	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.20	152	33098	6.95	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	24344	5.233	ug/L 98
3) Chloromethane	1.53	50	31360	6.185	ug/L 99
5) Vinyl chloride	1.62	62	30579	5.466	ug/L 99
6) Bromomethane	1.87	94	14811	6.399	ug/L 99
8) Chloroethane	1.95	64	18754	5.967	ug/L 97
9) Trichlorofluoromethane	2.16	101	32976	5.544	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	20260	5.845	ug/L 99
12) 1,1-Dichloroethene	2.60	96	20146	5.885	ug/L 95
13) Acetone	2.65	43	28150	12.087	ug/L 100
14) Carbon disulfide	2.82	76	67352	5.501	ug/L 99
15) Methyl Acetate	2.98	43	29220	5.191	ug/L 99
16) Methylene chloride	3.08	84	23434	5.761	ug/L 100
17) trans-1,2-Dichloroethene	3.39	96	21861	5.711	ug/L 94
18) Methyl tert-butyl Ether	3.40	73	69818	5.295	ug/L 100
19) 1,1-Dichloroethane	3.91	63	43215	5.601	ug/L 99
20) cis-1,2-Dichloroethene	4.71	96	23653	5.644	ug/L 93
22) 2-Butanone	4.75	43	42982	10.539	ug/L 98
23) Bromochloromethane	5.02	128	10934	5.399	ug/L 97
25) Chloroform	5.13	83	43234	5.989	ug/L 93
27) 1,2-Dichloroethane	5.83	62	34287	5.545	ug/L 99
29) Cyclohexane	5.42	56	38861	5.113	ug/L 100
30) 1,1,1-Trichloroethane	5.35	97	33017	5.442	ug/L 97
31) Carbon tetrachloride	5.56	117	26111	5.324	ug/L 96
33) Benzene	5.81	78	93796	5.689	ug/L 100
34) Trichloroethene	6.57	95	23152	5.725	ug/L 98
35) Methylcyclohexane	6.79	83	39437	5.569	ug/L 96
37) 1,2-Dichloropropane	6.82	63	24753	5.497	ug/L 98
38) Bromodichloromethane	7.13	83	29695	5.458	ug/L 99
39) cis-1,3-Dichloropropene	7.63	75	34893	4.839	ug/L 96
40) 4-Methyl-2-pentanone	7.82	43	75835	9.683	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.99	91	96203	5.565	ug/L	97
44) trans-1,3-Dichloropropene	8.23	75	32873	4.723	ug/L	100
45) 1,1,2-Trichloroethane	8.42	97	22142	5.636	ug/L	96
46) Tetrachloroethene	8.57	164	19202	6.496	ug/L	94
48) 2-Hexanone	8.71	43	60990	9.850	ug/L	99
49) Dibromochloromethane	8.83	129	20065	4.891	ug/L	99
50) 1,2-Dibromoethane	8.94	107	24062	5.654	ug/L	95
51) Chlorobenzene	9.47	112	61399	5.710	ug/L	96
52) Ethylbenzene	9.59	91	104086	5.377	ug/L	97
53) m,p-Xylene	9.71	106	39434	5.410	ug/L	98
54) o-xylene	10.11	106	38026	5.334	ug/L	99
55) Styrene	10.13	104	63184	5.154	ug/L	97
56) Isopropylbenzene	10.50	105	99181	5.257	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.80	83	37586	5.380	ug/L	96
59) 1,2,3-Trichloropropane	10.84	75	33136	5.478	ug/L	98
61) Bromoform	10.31	173	13236	4.806	ug/L	100
62) 1,3-Dichlorobenzene	11.76	146	42399	5.533	ug/L	97
63) 1,4-Dichlorobenzene	11.85	146	43867	5.672	ug/L	99
65) 1,2-Dichlorobenzene	12.22	146	43007	5.776	ug/L	94
66) 1,2-Dibromo-3-chloropropan	13.01	75	8923	5.377	ug/L	86
67) 1,3,5-Trichlorobenzene	13.24	180	28262	5.075	ug/L	97
68) 1,2,4-trichlorobenzene	13.86	180	28035	5.177	ug/L	98
69) Naphthalene	14.11	128	100241	5.162	ug/L	100
70) 1,2,3-Trichlorobenzene	14.36	180	25855	4.835	ug/L	94

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

