

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU043020\
 Data File : VU037945.D
 Acq On : 30 Apr 2020 10:40
 Operator : JC/MD
 Sample : VSTD05036
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05036

Quant Time: Apr 30 10:58:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM043020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 30 09:48:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	685938	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	683396	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	320336	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	291838	48.69	ug/L	0.00
7) Chloroethane-d5	1.93	69	240745	51.83	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	483091	49.80	ug/L	0.00
21) 2-Butanone-d5	4.66	46	455184	95.85	ug/L	0.00
24) Chloroform-d	5.10	84	462445	50.66	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.74	65	309832	49.02	ug/L	0.00
32) Benzene-d6	5.76	84	969705	50.18	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.72	67	315967	48.88	ug/L	0.00
41) Toluene-d8	7.92	98	896541	50.47	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.20	79	149479	44.93	ug/L	0.00
47) 2-Hexanone-d5	8.65	63	260715	74.09	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.77	84	457848	50.91	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.20	152	315421	50.60	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	269752	47.667	ug/L 99
3) Chloromethane	1.53	50	342255	55.490	ug/L 99
5) Vinyl chloride	1.62	62	344062	50.558	ug/L 100
6) Bromomethane	1.86	94	158594	56.321	ug/L 97
8) Chloroethane	1.95	64	206481	54.002	ug/L 100
9) Trichlorofluoromethane	2.15	101	357744	49.443	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	220860	52.379	ug/L 97
12) 1,1-Dichloroethene	2.60	96	221193	53.115	ug/L 89
13) Acetone	2.65	43	300001	105.885	ug/L 98
14) Carbon disulfide	2.82	76	741435	49.783	ug/L 99
15) Methyl Acetate	2.98	43	329771	48.156	ug/L 96
16) Methylene chloride	3.08	84	265284	53.610	ug/L 96
17) trans-1,2-Dichloroethene	3.38	96	238656	51.254	ug/L 95
18) Methyl tert-butyl Ether	3.40	73	811263	50.580	ug/L 99
19) 1,1-Dichloroethane	3.91	63	481110	51.258	ug/L 99
20) cis-1,2-Dichloroethene	4.71	96	269400	52.842	ug/L 92
22) 2-Butanone	4.74	43	488163	98.396	ug/L 97
23) Bromochloromethane	5.01	128	126474	51.339	ug/L 96
25) Chloroform	5.12	83	455602	51.877	ug/L 100
27) 1,2-Dichloroethane	5.83	62	382069	50.795	ug/L 99
29) Cyclohexane	5.42	56	445846	46.633	ug/L 95
30) 1,1,1-Trichloroethane	5.35	97	376994	49.396	ug/L 100
31) Carbon tetrachloride	5.56	117	296548	48.065	ug/L 100
33) Benzene	5.81	78	1059014	51.056	ug/L 100
34) Trichloroethene	6.57	95	255900	50.296	ug/L 99
35) Methylcyclohexane	6.79	83	430064	48.272	ug/L 98
37) 1,2-Dichloropropane	6.82	63	283120	49.975	ug/L 99
38) Bromodichloromethane	7.13	83	342333	50.015	ug/L 99
39) cis-1,3-Dichloropropene	7.63	75	442541	48.789	ug/L 98
40) 4-Methyl-2-pentanone	7.82	43	920706	93.450	ug/L 96

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42) Toluene	7.99	91	1115761	51.305	ug/L	99
44) trans-1,3-Dichloropropene	8.23	75	406966	46.482	ug/L	99
45) 1,1,2-Trichloroethane	8.42	97	255435	51.685	ug/L	99
46) Tetrachloroethene	8.57	164	176323	47.413	ug/L	98
48) 2-Hexanone	8.71	43	768784	98.689	ug/L	94
49) Dibromochloromethane	8.83	129	248876	48.227	ug/L	100
50) 1,2-Dibromoethane	8.94	107	273941	51.171	ug/L #	98
51) Chlorobenzene	9.47	112	687448	50.820	ug/L	99
52) Ethylbenzene	9.59	91	1246081	51.165	ug/L	99
53) m,p-Xylene	9.71	106	477977	52.127	ug/L	96
54) o-xylene	10.12	106	466965	52.071	ug/L	99
55) Styrene	10.13	104	802315	52.023	ug/L	99
56) Isopropylbenzene	10.50	105	1197388	50.451	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.80	83	457716	52.075	ug/L	98
59) 1,2,3-Trichloropropane	10.84	75	387557	50.925	ug/L	99
61) Bromoform	10.31	173	170251	47.225	ug/L	99
62) 1,3-Dichlorobenzene	11.76	146	513438	51.192	ug/L	99
63) 1,4-Dichlorobenzene	11.85	146	518169	51.187	ug/L	98
65) 1,2-Dichlorobenzene	12.22	146	516484	52.993	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.01	75	106436	49.002	ug/L	99
67) 1,3,5-Trichlorobenzene	13.24	180	352105	48.307	ug/L	99
68) 1,2,4-trichlorobenzene	13.86	180	333826	47.091	ug/L	98
69) Naphthalene	14.11	128	1314209	51.699	ug/L	100
70) 1,2,3-Trichlorobenzene	14.36	180	337568	48.224	ug/L	99

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

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