

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020521\
 Data File : VU042272.D
 Acq On : 05 Feb 2021 09:59
 Operator : SY/MD
 Sample : VSTD00533
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005302

Quant Time: Feb 06 07:00:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM020521WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Feb 06 06:59:42 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	181081	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	165789	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.822	152	84904	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	6434	3.47	ug/L	0.00
7) Chloroethane-d5	1.919	69	4853	3.32	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.578	63	13370	4.25	ug/L	0.00
21) 2-Butanone-d5	4.649	46	12778	8.64	ug/L	0.00
24) Chloroform-d	5.073	84	12495	4.22	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.710	65	9321	4.91	ug/L	0.00
32) Benzene-d6	5.735	84	22492	4.12	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.700	67	7667	4.30	ug/L	0.00
41) Toluene-d8	7.906	98	21085	4.41	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.192	79	3482	3.93	ug/L	0.00
47) 2-Hexanone-d5	8.649	63	8028	8.37	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.767	84	10445	4.00	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.205	152	8706	4.96	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	7328	4.33	ug/L	99
3) Chloromethane	1.523	50	6671	3.52	ug/L	93
5) Vinyl chloride	1.607	62	6701	3.45	ug/L	98
6) Bromomethane	1.864	94	3885	3.32	ug/L	95
8) Chloroethane	1.941	64	3900	3.29	ug/L	100
9) Trichlorofluoromethane	2.144	101	9890	3.94	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	5994	4.28	ug/L	97
12) 1,1-Dichloroethene	2.588	96	5598	4.18	ug/L	86
13) Acetone	2.649	43	13912	10.89	ug/L	95
14) Carbon disulfide	2.803	76	16774	3.93	ug/L	98
15) Methyl Acetate	2.964	43	9188	4.68	ug/L	96
16) Methylene chloride	3.054	84	6206	4.03	ug/L	98
17) trans-1,2-Dichloroethene	3.366	96	5804	4.12	ug/L	97
18) Methyl tert-butyl Ether	3.372	73	20378	4.40	ug/L	99
19) 1,1-Dichloroethane	3.877	63	11792	4.22	ug/L	99
20) cis-1,2-Dichloroethene	4.681	96	6492	4.26	ug/L	97
22) 2-Butanone	4.729	43	16657	10.06	ug/L	94
23) Bromochloromethane	4.986	128	3324	4.50	ug/L	96
25) Chloroform	5.102	83	12076	4.33	ug/L	92
27) 1,2-Dichloroethane	5.806	62	10953	4.98	ug/L	99
29) Cyclohexane	5.401	56	10785	4.55	ug/L #	92
30) 1,1,1-Trichloroethane	5.327	97	10929	4.54	ug/L	98
31) Carbon tetrachloride	5.536	117	9359	4.68	ug/L	95
33) Benzene	5.784	78	24809	4.29	ug/L	100
34) Trichloroethene	6.552	95	6530	4.47	ug/L	94
35) Methylcyclohexane	6.771	83	9720	4.53	ug/L	99
37) 1,2-Dichloropropane	6.800	63	7028	4.49	ug/L #	94
38) Bromodichloromethane	7.115	83	9292	4.72	ug/L	100
39) cis-1,3-Dichloropropene	7.616	75	9959	4.31	ug/L	98
40) 4-Methyl-2-pentanone	7.806	43	26753	10.64	ug/L	98
42) Toluene	7.980	91	25813	4.56	ug/L	98
44) trans-1,3-Dichloropropene	8.221	75	9807	4.44	ug/L	87

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45) 1,1,2-Trichloroethane	8.411	97	6209	4.53	ug/L	97
46) Tetrachloroethene	8.562	164	4773	4.97	ug/L	96
48) 2-Hexanone	8.700	43	22461	10.82	ug/L	98
49) Dibromochloromethane	8.819	129	6804	4.53	ug/L	97
50) 1,2-Dibromoethane	8.935	107	6942	4.73	ug/L	100
51) Chlorobenzene	9.456	112	16473	4.65	ug/L	99
52) Ethylbenzene	9.578	91	27899	4.54	ug/L	99
53) m,p-Xylene	9.703	106	10426	4.66	ug/L	93
54) o-xylene	10.108	106	10295	4.75	ug/L	96
55) Styrene	10.124	104	17114	4.51	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.793	83	10844	4.24	ug/L #	94
59) Bromoform	10.301	173	5447	4.88	ug/L	98
60) 1,2,3-Trichloropropane	10.832	75	9108	4.25	ug/L	96
61) Isopropylbenzene	10.491	105	27696	4.77	ug/L	100
62) 1,3,5-Trimethylbenzene	11.095	105	23400	4.74	ug/L	100
63) 1,2,4-Trimethylbenzene	11.478	105	23792	4.83	ug/L	97
64) 1,3-Dichlorobenzene	11.758	146	13069	4.84	ug/L	98
65) 1,4-Dichlorobenzene	11.845	146	14016	5.19	ug/L	98
67) 1,2-Dichlorobenzene	12.224	146	13700	4.97	ug/L	97
68) 1,2-Dibromo-3-chloropr...	13.005	75	2963	4.35	ug/L	98
69) 1,3,5-Trichlorobenzene	13.230	180	9688	5.17	ug/L	99
70) 1,2,4-trichlorobenzene	13.851	180	8025	5.49	ug/L	99
71) Naphthalene	14.098	128	24094	4.95	ug/L	97
72) 1,2,3-Trichlorobenzene	14.343	180	8581	5.78	ug/L	96

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

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