

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011221\
 Data File : VU041966.D
 Acq On : 12 Jan 2021 11:17
 Operator : SY/MD
 Sample : VSTD20036
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD200306

Quant Time: Jan 13 05:56:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM011221WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 13 05:49:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.263	114	271581	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	271081	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	148135	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	605422	268.79	ug/L	0.00
7) Chloroethane-d5	1.915	69	474365	258.29	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.575	63	1006776	259.42	ug/L	0.00
21) 2-Butanone-d5	4.642	46	983755	578.47	ug/L	0.00
24) Chloroform-d	5.079	84	941059	247.52	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.716	65	557033	227.32	ug/L	0.00
32) Benzene-d6	5.742	84	1697108	201.95	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.703	67	524154	204.12	ug/L	0.00
41) Toluene-d8	7.906	98	1488982	197.17	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.185	79	289323	219.36	ug/L	0.00
47) 2-Hexanone-d5	8.645	63	729106	516.13	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	911439	237.14	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.188	152	594199	192.43	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	498491	212.70	ug/L	99
3) Chloromethane	1.523	50	592373	261.57	ug/L	98
5) Vinyl chloride	1.607	62	622311	250.27	ug/L	100
6) Bromomethane	1.861	94	390854	223.27	ug/L	96
8) Chloroethane	1.935	64	372683	230.88	ug/L	100
9) Trichlorofluoromethane	2.141	101	764984	219.21	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.587	101	434141	227.06	ug/L	98
12) 1,1-Dichloroethene	2.587	96	429819	236.87	ug/L	97
13) Acetone	2.645	43	714135	549.08	ug/L	99
14) Carbon disulfide	2.800	76	1392362	237.51	ug/L	100
15) Methyl Acetate	2.960	43	632817	263.27	ug/L	99
16) Methylene chloride	3.057	84	489332	233.06	ug/L	99
17) trans-1,2-Dichloroethene	3.366	96	428363	227.57	ug/L	98
18) Methyl tert-butyl Ether	3.378	73	1475022	248.47	ug/L	100
19) 1,1-Dichloroethane	3.886	63	842475	239.04	ug/L	99
20) cis-1,2-Dichloroethene	4.684	96	484919	236.01	ug/L	97
22) 2-Butanone	4.722	43	1005439	544.85	ug/L	98
23) Bromochloromethane	4.993	128	221148	203.54	ug/L	97
25) Chloroform	5.105	83	859952	235.04	ug/L	97
27) 1,2-Dichloroethane	5.806	62	641025	224.80	ug/L	98
29) Cyclohexane	5.404	56	762929	226.37	ug/L	100
30) 1,1,1-Trichloroethane	5.333	97	698170	197.85	ug/L	99
31) Carbon tetrachloride	5.539	117	585895	191.27	ug/L	99
33) Benzene	5.787	78	1778706	196.40	ug/L	100
34) Trichloroethene	6.552	95	427290	188.33	ug/L	97
35) Methylcyclohexane	6.774	83	689026	193.69	ug/L	98
37) 1,2-Dichloropropane	6.803	63	451776	201.60	ug/L	100
38) Bromodichloromethane	7.115	83	584512	195.38	ug/L	100
39) cis-1,3-Dichloropropene	7.613	75	733376	206.94	ug/L	100
40) 4-Methyl-2-pentanone	7.803	43	1570338	466.24	ug/L	99
42) Toluene	7.976	91	1770621	192.61	ug/L	100
44) trans-1,3-Dichloropropene	8.214	75	726174	210.15	ug/L	98

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45) 1,1,2-Trichloroethane	8.404	97	414463	187.56	ug/L	98
46) Tetrachloroethene	8.558	164	289906	173.11	ug/L	100
48) 2-Hexanone	8.697	43	1386030	506.36	ug/L	99
49) Dibromochloromethane	8.816	129	482165	204.70	ug/L	98
50) 1,2-Dibromoethane	8.928	107	478168	208.75	ug/L	99
51) Chlorobenzene	9.449	112	1175222	202.93	ug/L	99
52) Ethylbenzene	9.571	91	2161571	224.22	ug/L	99
53) m,p-Xylene	9.693	106	767320	210.26	ug/L	97
54) o-xylene	10.102	106	720825	201.73	ug/L	100
55) Styrene	10.115	104	1296116	212.11	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.783	83	891912	231.98	ug/L	100
59) Bromoform	10.291	173	352307	177.87	ug/L	99
60) 1,2,3-Trichloropropane	10.822	75	731290	209.82	ug/L	98
61) Isopropylbenzene	10.484	105	1993697	194.50	ug/L	100
62) 1,3,5-Trimethylbenzene	11.086	105	1855082	217.17	ug/L	100
63) 1,2,4-Trimethylbenzene	11.465	105	1902489	219.94	ug/L	99
64) 1,3-Dichlorobenzene	11.741	146	950865	196.17	ug/L	99
65) 1,4-Dichlorobenzene	11.831	146	951056	194.45	ug/L	99
67) 1,2-Dichlorobenzene	12.208	146	920956	183.90	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.989	75	221125	200.72	ug/L	95
69) 1,3,5-Trichlorobenzene	13.208	180	613959	178.45	ug/L	99
70) 1,2,4-trichlorobenzene	13.828	180	531102	193.94	ug/L	99
71) Naphthalene	14.073	128	2039787	226.71	ug/L	100
72) 1,2,3-Trichlorobenzene	14.317	180	525078	190.00	ug/L	99

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

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