

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040721\
 Data File : VU042975.D
 Acq On : 07 Apr 2021 11:08
 Operator : SY/MD
 Sample : VSTD20032
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD200301

Quant Time: Apr 08 08:25:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM040721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 08 08:24:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	195357	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	202684	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.822	152	123451	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	228900	163.35	ug/L	0.00
7) Chloroethane-d5	1.893	69	192392	194.59	ug/L	-0.02
11) 1,1-Dichloroethene-d2	2.571	63	535041	176.58	ug/L	0.00
21) 2-Butanone-d5	4.626	46	651890	426.92	ug/L	0.00
24) Chloroform-d	5.073	84	551976	190.22	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.710	65	396582	191.88	ug/L	0.00
32) Benzene-d6	5.735	84	985845	172.00	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.700	67	338125	175.49	ug/L	0.00
41) Toluene-d8	7.906	98	1008530	184.09	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.185	79	199648	199.26	ug/L	0.00
47) 2-Hexanone-d5	8.645	63	500361	449.25	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.767	84	669782	226.30	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.201	152	488916	190.47	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	312153	193.23	ug/L	99
3) Chloromethane	1.523	50	306975	201.96	ug/L	97
5) Vinyl chloride	1.610	62	304109	205.47	ug/L	99
6) Bromomethane	1.838	94	147856	170.88	ug/L	95
8) Chloroethane	1.919	64	185196	223.31	ug/L	97
9) Trichlorofluoromethane	2.134	101	477124	205.84	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	263882	193.84	ug/L	98
12) 1,1-Dichloroethene	2.581	96	242820	196.17	ug/L	91
13) Acetone	2.629	43	466486	349.69	ug/L	99
14) Carbon disulfide	2.796	76	775417	204.90	ug/L	99
15) Methyl Acetate	2.951	43	447834	208.90	ug/L	98
16) Methylene chloride	3.050	84	278815	197.14	ug/L	97
17) trans-1,2-Dichloroethene	3.359	96	256581	197.63	ug/L	94
18) Methyl tert-butyl Ether	3.369	73	911371	196.22	ug/L	99
19) 1,1-Dichloroethane	3.877	63	532229	197.98	ug/L	98
20) cis-1,2-Dichloroethene	4.674	96	292576	199.39	ug/L	97
22) 2-Butanone	4.710	43	734201	411.56	ug/L	100
23) Bromochloromethane	4.983	128	154066	198.54	ug/L	92
25) Chloroform	5.095	83	546724	199.12	ug/L	98
27) 1,2-Dichloroethane	5.803	62	497641	204.39	ug/L	99
29) Cyclohexane	5.394	56	504273	187.75	ug/L	98
30) 1,1,1-Trichloroethane	5.324	97	500576	182.64	ug/L	99
31) Carbon tetrachloride	5.533	117	438030	184.39	ug/L	98
33) Benzene	5.784	78	1136766	184.57	ug/L	100
34) Trichloroethene	6.549	95	307981	189.50	ug/L	99
35) Methylcyclohexane	6.771	83	473843	188.98	ug/L	99
37) 1,2-Dichloropropane	6.800	63	314127	182.67	ug/L	99
38) Bromodichloromethane	7.115	83	436192	187.59	ug/L	99
39) cis-1,3-Dichloropropene	7.613	75	521057	195.44	ug/L	98
40) 4-Methyl-2-pentanone	7.803	43	1538826	442.56	ug/L	100
42) Toluene	7.976	91	1315322	197.72	ug/L	98
44) trans-1,3-Dichloropropene	8.217	75	547301	206.97	ug/L	98

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45) 1,1,2-Trichloroethane	8.407	97	310650	195.26	ug/L	98
46) Tetrachloroethene	8.562	164	250198	195.05	ug/L	99
48) 2-Hexanone	8.697	43	1327945	469.78	ug/L	99
49) Dibromochloromethane	8.819	129	385206	208.31	ug/L	99
50) 1,2-Dibromoethane	8.931	107	355748	200.00	ug/L	99
51) Chlorobenzene	9.455	112	845281	201.02	ug/L	99
52) Ethylbenzene	9.578	91	1560531	210.81	ug/L	97
53) m,p-Xylene	9.700	106	581132	209.76	ug/L	99
54) o-xylene	10.108	106	584361	212.83	ug/L	100
55) Styrene	10.121	104	1085554	230.90	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.793	83	659610	225.13	ug/L	99
59) Bromoform	10.301	173	372672	216.03	ug/L	98
60) 1,2,3-Trichloropropane	10.832	75	562881	205.14	ug/L	99
61) Isopropylbenzene	10.491	105	1635125	198.98	ug/L	100
62) 1,3,5-Trimethylbenzene	11.095	105	1459801	205.27	ug/L	99
63) 1,2,4-Trimethylbenzene	11.475	105	1512745	209.91	ug/L	100
64) 1,3-Dichlorobenzene	11.754	146	796627	204.47	ug/L	100
65) 1,4-Dichlorobenzene	11.844	146	796737	200.33	ug/L	100
67) 1,2-Dichlorobenzene	12.221	146	791475	198.27	ug/L	98
68) 1,2-Dibromo-3-chloropr...	13.005	75	190432	210.84	ug/L	99
69) 1,3,5-Trichlorobenzene	13.227	180	596543	199.82	ug/L	100
70) 1,2,4-trichlorobenzene	13.847	180	518135	209.82	ug/L	100
71) Naphthalene	14.095	128	1741720	225.11	ug/L	99
72) 1,2,3-Trichlorobenzene	14.339	180	510697	203.94	ug/L	99

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

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