

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040821\
 Data File : VU042987.D
 Acq On : 08 Apr 2021 12:58
 Operator : SY/MD
 Sample : VSTD20033
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD200302

Quant Time: Apr 09 01:33:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM040821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 09 01:31:23 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	204621	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.426	117	211299	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.822	152	123363	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	288349	231.41	ug/L	0.00
7) Chloroethane-d5	1.909	69	178446	172.02	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.568	63	620751	220.30	ug/L	0.00
21) 2-Butanone-d5	4.636	46	664159	403.03	ug/L	0.00
24) Chloroform-d	5.070	84	600051	205.92	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.710	65	425895	193.76	ug/L	0.00
32) Benzene-d6	5.735	84	1087971	199.83	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.697	67	364794	195.63	ug/L	0.00
41) Toluene-d8	7.906	98	1104947	203.89	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.185	79	211182	215.76	ug/L	0.00
47) 2-Hexanone-d5	8.648	63	489263	424.29	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.767	84	661500	210.43	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.201	152	499967	199.67	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	287108	177.38	ug/L	99
3) Chloromethane	1.520	50	296322	180.02	ug/L	99
5) Vinyl chloride	1.607	62	289553	187.42	ug/L #	75
6) Bromomethane	1.854	94	167492	175.55	ug/L	99
8) Chloroethane	1.928	64	144316	143.02	ug/L	95
9) Trichlorofluoromethane	2.131	101	486947	189.86	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	268064	196.77	ug/L	100
12) 1,1-Dichloroethene	2.581	96	244162	197.30	ug/L	97
13) Acetone	2.642	43	482777	349.17	ug/L	99
14) Carbon disulfide	2.793	76	764732	193.78	ug/L	99
15) Methyl Acetate	2.954	43	446861	192.68	ug/L	100
16) Methylene chloride	3.050	84	276654	187.88	ug/L	98
17) trans-1,2-Dichloroethene	3.356	96	260783	192.98	ug/L	99
18) Methyl tert-butyl Ether	3.372	73	929811	198.95	ug/L	100
19) 1,1-Dichloroethane	3.877	63	536211	195.16	ug/L	99
20) cis-1,2-Dichloroethene	4.674	96	292451	194.79	ug/L	97
22) 2-Butanone	4.716	43	746355	386.50	ug/L	100
23) Bromochloromethane	4.983	128	154209	191.74	ug/L	99
25) Chloroform	5.095	83	556661	194.71	ug/L	99
27) 1,2-Dichloroethane	5.803	62	507313	195.00	ug/L	100
29) Cyclohexane	5.394	56	506024	190.48	ug/L	100
30) 1,1,1-Trichloroethane	5.324	97	507794	186.81	ug/L	99
31) Carbon tetrachloride	5.533	117	448426	193.48	ug/L	100
33) Benzene	5.784	78	1153678	190.64	ug/L	100
34) Trichloroethene	6.549	95	301402	184.34	ug/L	99
35) Methylcyclohexane	6.771	83	486065	195.39	ug/L	98
37) 1,2-Dichloropropane	6.800	63	322640	189.48	ug/L	100
38) Bromodichloromethane	7.111	83	446857	195.66	ug/L	98
39) cis-1,3-Dichloropropene	7.613	75	529887	203.22	ug/L	97
40) 4-Methyl-2-pentanone	7.809	43	1485904	406.41	ug/L	99
42) Toluene	7.976	91	1345072	198.38	ug/L	97
44) trans-1,3-Dichloropropene	8.217	75	555373	209.81	ug/L	99

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45) 1,1,2-Trichloroethane	8.407	97	311736	197.49	ug/L	97
46) Tetrachloroethene	8.558	164	254605	192.67	ug/L	97
48) 2-Hexanone	8.700	43	1254981	405.93	ug/L	99
49) Dibromochloromethane	8.819	129	383568	202.98	ug/L	96
50) 1,2-Dibromoethane	8.931	107	357791	198.79	ug/L	96
51) Chlorobenzene	9.455	112	853567	199.55	ug/L	98
52) Ethylbenzene	9.578	91	1560445	204.30	ug/L	99
53) m,p-Xylene	9.700	106	587422	208.60	ug/L	99
54) o-xylene	10.108	106	587503	207.54	ug/L	96
55) Styrene	10.124	104	1066323	219.08	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.793	83	650762	208.01	ug/L	100
59) Bromoform	10.301	173	352070	202.89	ug/L	100
60) 1,2,3-Trichloropropane	10.835	75	535365	188.49	ug/L	99
61) Isopropylbenzene	10.491	105	1622158	199.65	ug/L	100
62) 1,3,5-Trimethylbenzene	11.095	105	1434669	206.09	ug/L	100
63) 1,2,4-Trimethylbenzene	11.475	105	1493284	211.65	ug/L	99
64) 1,3-Dichlorobenzene	11.754	146	778611	197.19	ug/L	99
65) 1,4-Dichlorobenzene	11.844	146	789955	201.40	ug/L	99
67) 1,2-Dichlorobenzene	12.221	146	784283	197.71	ug/L	99
68) 1,2-Dibromo-3-chloropr...	13.005	75	185471	200.46	ug/L	98
69) 1,3,5-Trichlorobenzene	13.227	180	625341	209.73	ug/L	99
70) 1,2,4-trichlorobenzene	13.847	180	552492	234.12	ug/L	99
71) Naphthalene	14.095	128	1853056	262.92	ug/L	100
72) 1,2,3-Trichlorobenzene	14.336	180	555253	240.89	ug/L	99

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

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