

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040721\
 Data File : VU042974.D
 Acq On : 07 Apr 2021 10:45
 Operator : SY/MD
 Sample : VSTD10031
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD100306

Quant Time: Apr 08 08:25:45 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	186675	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	189291	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	109599	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	109239	81.58	ug/L	0.00
7) Chloroethane-d5	1.909	69	92201	97.59	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.575	63	254702	87.97	ug/L	0.00
21) 2-Butanone-d5	4.623	46	324439	222.35	ug/L	0.00
24) Chloroform-d	5.073	84	271296	97.84	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.710	65	195940	99.21	ug/L	0.00
32) Benzene-d6	5.735	84	483485	90.32	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.697	67	165461	91.95	ug/L	0.00
41) Toluene-d8	7.906	98	485647	94.92	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.185	79	95133	101.67	ug/L	0.00
47) 2-Hexanone-d5	8.639	63	226225	217.49	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.764	84	294672	106.61	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.201	152	225330	98.88	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	147417	95.50	ug/L	100
3) Chloromethane	1.523	50	149863	103.18	ug/L	96
5) Vinyl chloride	1.610	62	143553	101.50	ug/L	100
6) Bromomethane	1.845	94	95467	115.46	ug/L	98
8) Chloroethane	1.932	64	90046	113.63	ug/L	96
9) Trichlorofluoromethane	2.141	101	232170	104.82	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	125533	96.50	ug/L	99
12) 1,1-Dichloroethene	2.584	96	115930	98.01	ug/L	95
13) Acetone	2.626	43	246279	193.20	ug/L	99
14) Carbon disulfide	2.800	76	370886	102.56	ug/L	100
15) Methyl Acetate	2.951	43	218266	106.55	ug/L	99
16) Methylene chloride	3.054	84	135328	100.14	ug/L	96
17) trans-1,2-Dichloroethene	3.359	96	124641	100.47	ug/L	97
18) Methyl tert-butyl Ether	3.369	73	441159	99.40	ug/L	98
19) 1,1-Dichloroethane	3.877	63	255941	99.63	ug/L	99
20) cis-1,2-Dichloroethene	4.674	96	141834	101.16	ug/L	98
22) 2-Butanone	4.707	43	365548	214.44	ug/L	100
23) Bromochloromethane	4.983	128	75361	101.63	ug/L	89
25) Chloroform	5.096	83	265136	101.05	ug/L	99
27) 1,2-Dichloroethane	5.803	62	241858	103.96	ug/L	100
29) Cyclohexane	5.398	56	238564	95.10	ug/L	100
30) 1,1,1-Trichloroethane	5.324	97	243276	95.04	ug/L	98
31) Carbon tetrachloride	5.533	117	211022	95.11	ug/L	99
33) Benzene	5.780	78	551234	95.83	ug/L	100
34) Trichloroethene	6.549	95	150983	99.47	ug/L	99
35) Methylcyclohexane	6.771	83	229283	97.91	ug/L	98
37) 1,2-Dichloropropane	6.796	63	153696	95.70	ug/L	99
38) Bromodichloromethane	7.112	83	210027	96.72	ug/L	98
39) cis-1,3-Dichloropropene	7.613	75	247277	99.31	ug/L	98
40) 4-Methyl-2-pentanone	7.796	43	689503	212.33	ug/L	100
42) Toluene	7.976	91	630519	101.49	ug/L	99
44) trans-1,3-Dichloropropene	8.218	75	253025	102.46	ug/L	98

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45) 1,1,2-Trichloroethane	8.407	97	145870	98.17	ug/L	99
46) Tetrachloroethene	8.558	164	120515	100.60	ug/L	98
48) 2-Hexanone	8.690	43	595293	225.49	ug/L	99
49) Dibromochloromethane	8.819	129	175090	101.38	ug/L	100
50) 1,2-Dibromoethane	8.931	107	166107	99.99	ug/L	99
51) Chlorobenzene	9.452	112	391326	99.65	ug/L	99
52) Ethylbenzene	9.578	91	724146	104.74	ug/L	98
53) m,p-Xylene	9.700	106	270783	104.66	ug/L	99
54) o-xylene	10.108	106	269905	105.26	ug/L	96
55) Styrene	10.121	104	475486	108.29	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.790	83	289894	105.94	ug/L	98
59) Bromoform	10.298	173	156093	101.92	ug/L	99
60) 1,2,3-Trichloropropane	10.832	75	249211	102.31	ug/L	98
61) Isopropylbenzene	10.491	105	738693	101.25	ug/L	100
62) 1,3,5-Trimethylbenzene	11.095	105	645875	102.30	ug/L	99
63) 1,2,4-Trimethylbenzene	11.475	105	669512	104.65	ug/L	100
64) 1,3-Dichlorobenzene	11.751	146	352190	101.82	ug/L	99
65) 1,4-Dichlorobenzene	11.841	146	354084	100.28	ug/L	100
67) 1,2-Dichlorobenzene	12.221	146	355448	100.30	ug/L	98
68) 1,2-Dibromo-3-chloropr...	13.005	75	86349	107.68	ug/L	96
69) 1,3,5-Trichlorobenzene	13.227	180	273247	103.10	ug/L	100
70) 1,2,4-trichlorobenzene	13.848	180	225091	102.67	ug/L	99
71) Naphthalene	14.095	128	742528	108.10	ug/L	100
72) 1,2,3-Trichlorobenzene	14.336	180	224251	100.87	ug/L	99

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

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