

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040821\
 Data File : VU042986.D
 Acq On : 08 Apr 2021 12:07
 Operator : SY/MD
 Sample : VSTD10032
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD100301

Quant Time: Apr 09 01:33:13 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	6.257	114	193403	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.424	117	191255	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	106330	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	142512	121.01	ug/L	0.00
7) Chloroethane-d5	1.909	69	114520	116.80	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.575	63	299168	112.33	ug/L	0.00
21) 2-Butanone-d5	4.630	46	320164	205.55	ug/L	0.00
24) Chloroform-d	5.073	84	289947	105.27	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.710	65	208103	100.17	ug/L	0.00
32) Benzene-d6	5.736	84	527511	107.04	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.700	67	174354	103.30	ug/L	0.00
41) Toluene-d8	7.906	98	518354	105.67	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.186	79	96577	109.01	ug/L	0.00
47) 2-Hexanone-d5	8.642	63	219063	209.88	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.764	84	290930	102.25	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.202	152	222685	103.18	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.389	85	142261	92.99	ug/L	99
3) Chloromethane	1.524	50	140908	90.57	ug/L	99
5) Vinyl chloride	1.607	62	139962	95.85	ug/L	83
6) Bromomethane	1.855	94	80966	89.78	ug/L	100
8) Chloroethane	1.932	64	93284	97.81	ug/L	98
9) Trichlorofluoromethane	2.141	101	235885	97.31	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	131151	101.85	ug/L	99
12) 1,1-Dichloroethene	2.585	96	116463	99.57	ug/L	91
13) Acetone	2.633	43	279496	213.87	ug/L	99
14) Carbon disulfide	2.800	76	365010	97.86	ug/L	99
15) Methyl Acetate	2.954	43	212928	97.14	ug/L	99
16) Methylene chloride	3.054	84	133364	95.82	ug/L	99
17) trans-1,2-Dichloroethene	3.360	96	124982	97.85	ug/L	98
18) Methyl tert-butyl Ether	3.372	73	435671	98.62	ug/L	100
19) 1,1-Dichloroethane	3.877	63	257671	99.22	ug/L	97
20) cis-1,2-Dichloroethene	4.675	96	141138	99.46	ug/L	96
22) 2-Butanone	4.710	43	382296	209.45	ug/L	100
23) Bromochloromethane	4.983	128	72947	95.96	ug/L	99
25) Chloroform	5.096	83	268277	99.28	ug/L	100
27) 1,2-Dichloroethane	5.803	62	242275	98.53	ug/L	100
29) Cyclohexane	5.398	56	238796	99.31	ug/L	100
30) 1,1,1-Trichloroethane	5.327	97	241074	97.98	ug/L	99
31) Carbon tetrachloride	5.533	117	214003	102.01	ug/L	100
33) Benzene	5.784	78	547527	99.96	ug/L	100
34) Trichloroethene	6.549	95	142733	96.45	ug/L	98
35) Methylcyclohexane	6.771	83	228997	101.70	ug/L	99
37) 1,2-Dichloropropane	6.800	63	151772	98.47	ug/L	100
38) Bromodichloromethane	7.115	83	208312	100.77	ug/L	99
39) cis-1,3-Dichloropropene	7.613	75	244632	103.65	ug/L	98
40) 4-Methyl-2-pentanone	7.800	43	660599	199.62	ug/L	100
42) Toluene	7.977	91	626556	102.09	ug/L	98
44) trans-1,3-Dichloropropene	8.218	75	249900	104.30	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.408	97	144277	100.98	ug/L	98
46) Tetrachloroethene	8.562	164	119681	100.06	ug/L	96
48) 2-Hexanone	8.694	43	582057	208.00	ug/L	99
49) Dibromochloromethane	8.819	129	172357	100.77	ug/L	97
50) 1,2-Dibromoethane	8.932	107	165381	101.52	ug/L	97
51) Chlorobenzene	9.453	112	386400	99.80	ug/L	99
52) Ethylbenzene	9.578	91	703556	101.77	ug/L	99
53) m,p-Xylene	9.700	106	264198	103.65	ug/L	99
54) o-xylene	10.108	106	258093	100.73	ug/L	96
55) Styrene	10.121	104	458550	104.08	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.790	83	285573	100.85	ug/L	99
59) Bromoform	10.298	173	147405	98.56	ug/L	99
60) 1,2,3-Trichloropropane	10.832	75	231933	94.74	ug/L	99
61) Isopropylbenzene	10.491	105	716472	102.31	ug/L	99
62) 1,3,5-Trimethylbenzene	11.096	105	627332	104.55	ug/L	100
63) 1,2,4-Trimethylbenzene	11.475	105	648617	106.66	ug/L	99
64) 1,3-Dichlorobenzene	11.752	146	335216	98.50	ug/L	99
65) 1,4-Dichlorobenzene	11.845	146	339435	100.40	ug/L	99
67) 1,2-Dichlorobenzene	12.221	146	340400	99.56	ug/L	100
68) 1,2-Dibromo-3-chloropr...	13.002	75	88178	110.57	ug/L	96
69) 1,3,5-Trichlorobenzene	13.227	180	276905	107.74	ug/L	99
70) 1,2,4-trichlorobenzene	13.848	180	251741	123.76	ug/L	99
71) Naphthalene	14.095	128	835726	137.57	ug/L	100
72) 1,2,3-Trichlorobenzene	14.337	180	254021	127.86	ug/L	99

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

