Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040821\
Data File : VU042984.D
Acq On : 08 Apr 2021 11:16
Operator : SY/MD
Sample : VSTD01036
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD010305

Quant Time: Apr 09 01:32:43 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	168562	50.00	ug/L		0.00
28) Chlorobenzene-d5	9.423	117	159805	50.00	ug/L		0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	83209	50.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.604	65	14163	13.80	ug/L		0.00
7) Chloroethane-d5	1.912	69	10738	12.57	ug/L		0.00
11) 1,1-Dichloroethene-d2	2.575	63	26784	11.54	ug/L		0.00
21) 2-Butanone-d5	4.633	46	28936	21.32	ug/L		0.00
24) Chloroform-d	5.073	84	26015	10.84	ug/L		0.00
26) 1,2-Dichloroethane-d4	5.710	65	19771	10.92	ug/L		0.00
32) Benzene-d6	5.735	84	47781	11.60	ug/L		0.00
36) 1,2-Dichloropropane-d6	6.700	67	15938	11.30	ug/L		0.00
41) Toluene-d8	7.906	98	45606	11.13	ug/L		0.00
43) trans-1,3-Dichloroprop...	8.189	79	8036	10.86	ug/L		0.00
47) 2-Hexanone-d5	8.639	63	18189	20.86	ug/L		0.00
56) 1,1,2,2-Tetrachloroeth...	10.764	84	24021	10.10	ug/L		0.00
66) 1,2-Dichlorobenzene-d4	12.201	152	18125	10.73	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.385	85	13734	10.30	ug/L		97
3) Chloromethane	1.520	50	14578	10.75	ug/L		100
5) Vinyl chloride	1.607	62	13889	10.91	ug/L	#	1
6) Bromomethane	1.851	94	8725	11.10	ug/L		94
8) Chloroethane	1.935	64	9389	11.30	ug/L		88
9) Trichlorofluoromethane	2.141	101	24130	11.42	ug/L		98
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	12333	10.99	ug/L		99
12) 1,1-Dichloroethene	2.588	96	11222	11.01	ug/L		93
13) Acetone	2.633	43	22031	19.34	ug/L		99
14) Carbon disulfide	2.800	76	34222	10.53	ug/L		98
15) Methyl Acetate	2.954	43	20536	10.75	ug/L		99
16) Methylene chloride	3.054	84	13290	10.96	ug/L		92
17) trans-1,2-Dichloroethene	3.359	96	12028	10.80	ug/L		96
18) Methyl tert-butyl Ether	3.372	73	40557	10.53	ug/L		99
19) 1,1-Dichloroethane	3.880	63	24501	10.82	ug/L		96
20) cis-1,2-Dichloroethene	4.681	96	13405	10.84	ug/L		93
22) 2-Butanone	4.713	43	33258	20.91	ug/L		99
23) Bromochloromethane	4.983	128	6878	10.38	ug/L		96
25) Chloroform	5.096	83	26012	11.04	ug/L		98
27) 1,2-Dichloroethane	5.803	62	22801	10.64	ug/L		99
29) Cyclohexane	5.401	56	21537	10.72	ug/L		99
30) 1,1,1-Trichloroethane	5.327	97	22632	11.01	ug/L		97
31) Carbon tetrachloride	5.533	117	19822	11.31	ug/L		100
33) Benzene	5.780	78	52949	11.57	ug/L		100
34) Trichloroethene	6.549	95	13856	11.21	ug/L		93
35) Methylcyclohexane	6.771	83	19785	10.52	ug/L		99
37) 1,2-Dichloropropane	6.800	63	14231	11.05	ug/L	#	98
38) Bromodichloromethane	7.115	83	19111	11.06	ug/L		97
39) cis-1,3-Dichloropropene	7.613	75	19896	10.09	ug/L		97
40) 4-Methyl-2-pentanone	7.800	43	57890	20.94	ug/L		98
42) Toluene	7.976	91	54693	10.67	ug/L		98
44) trans-1,3-Dichloropropene	8.218	75	20451	10.22	ug/L		90

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1,2-Trichloroethane	8.407	97	13237	11.09	ug/L		96
46) Tetrachloroethene	8.558	164	10960	10.97	ug/L		96
48) 2-Hexanone	8.690	43	47357	20.25	ug/L		100
49) Dibromochloromethane	8.816	129	14922	10.44	ug/L		91
50) 1,2-Dibromoethane	8.931	107	14693	10.79	ug/L		96
51) Chlorobenzene	9.456	112	34292	10.60	ug/L		99
52) Ethylbenzene	9.578	91	59571	10.31	ug/L		99
53) m,p-Xylene	9.700	106	21339	10.02	ug/L		97
54) o-xylene	10.105	106	21780	10.17	ug/L		99
55) Styrene	10.121	104	34387	9.34	ug/L		97
57) 1,1,2,2-Tetrachloroethane	10.790	83	25420	10.74	ug/L		99
59) Bromoform	10.298	173	11525	9.85	ug/L	#	93
60) 1,2,3-Trichloropropane	10.828	75	21421	11.18	ug/L		99
61) Isopropylbenzene	10.491	105	56628	10.33	ug/L		99
62) 1,3,5-Trimethylbenzene	11.095	105	48888	10.41	ug/L		96
63) 1,2,4-Trimethylbenzene	11.475	105	50374	10.59	ug/L		99
64) 1,3-Dichlorobenzene	11.751	146	28371	10.65	ug/L		95
65) 1,4-Dichlorobenzene	11.841	146	28718	10.85	ug/L		97
67) 1,2-Dichlorobenzene	12.221	146	29583	11.06	ug/L		99
68) 1,2-Dibromo-3-chloropr...	13.005	75	6812	10.92	ug/L		95
69) 1,3,5-Trichlorobenzene	13.227	180	22815	11.34	ug/L		98
70) 1,2,4-trichlorobenzene	13.848	180	18152	11.40	ug/L		99
71) Naphthalene	14.095	128	53179	11.19	ug/L		99
72) 1,2,3-Trichlorobenzene	14.336	180	18591	11.96	ug/L		98

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

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