Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040721\
Data File : VU042972.D
Acq On : 07 Apr 2021 10:00
Operator : SY/MD
Sample : VSTD01035
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD010304

Quant Time: Apr 08 08:25:17 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	188029	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	180934	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	90312	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.607	65	10400	7.71	ug/L	0.00
7) Chloroethane-d5	1.916	69	8773	9.22	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.578	63	24061	8.25	ug/L	0.00
21) 2-Butanone-d5	4.629	46	28514	19.40	ug/L	0.00
24) Chloroform-d	5.073	84	24751	8.86	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.710	65	19517	9.81	ug/L	0.00
32) Benzene-d6	5.735	84	44872	8.77	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.700	67	15441	8.98	ug/L	0.00
41) Toluene-d8	7.906	98	44083	9.01	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.185	79	7494	8.38	ug/L	0.00
47) 2-Hexanone-d5	8.639	63	17282	17.38	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.764	84	23900	9.05	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.201	152	17762	9.46	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	14441	9.29	ug/L	100
3) Chloromethane	1.527	50	14944	10.21	ug/L	99
5) Vinyl chloride	1.610	62	13287	9.33	ug/L	96
6) Bromomethane	1.855	94	8806	10.57	ug/L	92
8) Chloroethane	1.938	64	8938	11.20	ug/L	98
9) Trichlorofluoromethane	2.144	101	23325	10.45	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	11579	8.84	ug/L	97
12) 1,1-Dichloroethene	2.588	96	10724	9.00	ug/L	91
13) Acetone	2.626	43	23916	18.63	ug/L	99
14) Carbon disulfide	2.800	76	34792	9.55	ug/L	100
15) Methyl Acetate	2.954	43	20380	9.88	ug/L	98
16) Methylene chloride	3.054	84	13071	9.60	ug/L	99
17) trans-1,2-Dichloroethene	3.362	96	11920	9.54	ug/L	97
18) Methyl tert-butyl Ether	3.372	73	42133	9.43	ug/L	97
19) 1,1-Dichloroethane	3.880	63	24328	9.40	ug/L	95
20) cis-1,2-Dichloroethene	4.681	96	13363	9.46	ug/L	87
22) 2-Butanone	4.707	43	32705	19.05	ug/L	100
23) Bromochloromethane	4.983	128	7210	9.65	ug/L	81
25) Chloroform	5.096	83	25517	9.66	ug/L	99
27) 1,2-Dichloroethane	5.803	62	23739	10.13	ug/L	98
29) Cyclohexane	5.401	56	22313	9.31	ug/L	99
30) 1,1,1-Trichloroethane	5.324	97	23523	9.61	ug/L	95
31) Carbon tetrachloride	5.533	117	19367	9.13	ug/L	99
33) Benzene	5.784	78	51247	9.32	ug/L	100
34) Trichloroethene	6.552	95	13574	9.36	ug/L	97
35) Methylcyclohexane	6.771	83	20077	8.97	ug/L	97
37) 1,2-Dichloropropane	6.800	63	14527	9.46	ug/L	98
38) Bromodichloromethane	7.115	83	18645	8.98	ug/L	99
39) cis-1,3-Dichloropropene	7.613	75	21106	8.87	ug/L	95
40) 4-Methyl-2-pentanone	7.800	43	58006	18.69	ug/L	97
42) Toluene	7.976	91	55328	9.32	ug/L	97
44) trans-1,3-Dichloropropene	8.218	75	20584	8.72	ug/L	100

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45) 1,1,2-Trichloroethane	8.407	97	12697	8.94	ug/L	96
46) Tetrachloroethene	8.558	164	10571	9.23	ug/L	96
48) 2-Hexanone	8.690	43	46533	18.44	ug/L	98
49) Dibromochloromethane	8.816	129	15241	9.23	ug/L	97
50) 1,2-Dibromoethane	8.931	107	14673	9.24	ug/L	98
51) Chlorobenzene	9.452	112	34537	9.20	ug/L	99
52) Ethylbenzene	9.574	91	59798	9.05	ug/L	98
53) m,p-Xylene	9.700	106	22164	8.96	ug/L	98
54) o-xylene	10.108	106	22228	9.07	ug/L	92
55) Styrene	10.121	104	35904	8.55	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.790	83	23687	9.06	ug/L	97
59) Bromoform	10.298	173	12179	9.65	ug/L	95
60) 1,2,3-Trichloropropane	10.832	75	21174	10.55	ug/L	99
61) Isopropylbenzene	10.491	105	58591	9.75	ug/L	98
62) 1,3,5-Trimethylbenzene	11.095	105	48230	9.27	ug/L	99
63) 1,2,4-Trimethylbenzene	11.475	105	48564	9.21	ug/L	98
64) 1,3-Dichlorobenzene	11.751	146	27986	9.82	ug/L	99
65) 1,4-Dichlorobenzene	11.844	146	27595	9.48	ug/L	94
67) 1,2-Dichlorobenzene	12.217	146	29053	9.95	ug/L	99
68) 1,2-Dibromo-3-chloropr...	13.005	75	6321	9.57	ug/L	95
69) 1,3,5-Trichlorobenzene	13.224	180	20611	9.44	ug/L	99
70) 1,2,4-trichlorobenzene	13.848	180	14188	7.85	ug/L	97
71) Naphthalene	14.098	128	37911	6.70	ug/L	99
72) 1,2,3-Trichlorobenzene	14.340	180	14201	7.75	ug/L	97

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

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