Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051421\
Data File : VU043714.D
Acq On : 13 May 2021 20:59
Operator : SY/MD
Sample : VSTD01031
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD010301

Quant Time: May 14 04:06:10 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM051421WMA.M
Quant Title : VOC Analysis
QLast Update : Fri May 14 04:05:14 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	472858	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	454460	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	229119	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	39571	10.63	ug/L	0.00
7) Chloroethane-d5	1.912	69	28538	10.53	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.575	63	66745	9.15	ug/L	0.00
21) 2-Butanone-d5	4.629	46	61148	16.25	ug/L	0.00
24) Chloroform-d	5.073	84	67230	9.45	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.710	65	41221	8.04	ug/L	0.00
32) Benzene-d6	5.735	84	134911	10.36	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.700	67	45151	10.38	ug/L	0.00
41) Toluene-d8	7.906	98	118238	9.32	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.185	79	18419	8.40	ug/L	0.00
47) 2-Hexanone-d5	8.639	63	36877	14.83	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.761	84	64623	9.39	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.201	152	44872	9.26	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	41821	11.20	ug/L	98
3) Chloromethane	1.523	50	51689	12.97	ug/L	96
5) Vinyl chloride	1.607	62	47963	12.33	ug/L	100
6) Bromomethane	1.851	94	26164	11.46	ug/L	96
8) Chloroethane	1.935	64	28467	11.93	ug/L	96
9) Trichlorofluoromethane	2.141	101	55754	9.27	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	35636	10.52	ug/L	98
12) 1,1-Dichloroethene	2.584	96	34879	11.31	ug/L	98
13) Acetone	2.629	43	45469	15.25	ug/L	99
14) Carbon disulfide	2.800	76	110472	11.43	ug/L	100
15) Methyl Acetate	2.954	43	50925	9.39	ug/L	100
16) Methylene chloride	3.051	84	58648	16.01	ug/L	98
17) trans-1,2-Dichloroethene	3.359	96	36110	11.01	ug/L	98
18) Methyl tert-butyl Ether	3.372	73	105636	9.49	ug/L	99
19) 1,1-Dichloroethane	3.877	63	72239	10.78	ug/L	98
20) cis-1,2-Dichloroethene	4.674	96	38700	10.62	ug/L	95
22) 2-Butanone	4.710	43	71822	16.24	ug/L	99
23) Bromochloromethane	4.980	128	21626	11.18	ug/L	98
25) Chloroform	5.095	83	70233	10.19	ug/L	100
27) 1,2-Dichloroethane	5.803	62	54534	8.94	ug/L	99
29) Cyclohexane	5.398	56	57998	9.75	ug/L	99
30) 1,1,1-Trichloroethane	5.324	97	56232	9.38	ug/L	97
31) Carbon tetrachloride	5.533	117	45758	8.78	ug/L	99
33) Benzene	5.780	78	158816	11.11	ug/L	100
34) Trichloroethene	6.549	95	38165	10.50	ug/L	99
35) Methylcyclohexane	6.771	83	56465	9.94	ug/L	98
37) 1,2-Dichloropropane	6.800	63	43890	11.17	ug/L	98
38) Bromodichloromethane	7.111	83	51113	9.92	ug/L	98
39) cis-1,3-Dichloropropene	7.613	75	55745	9.62	ug/L	98
40) 4-Methyl-2-pentanone	7.796	43	121310	15.58	ug/L	99
42) Toluene	7.976	91	163033	10.50	ug/L	99
44) trans-1,3-Dichloropropene	8.217	75	52948	9.05	ug/L	99

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45) 1,1,2-Trichloroethane	8.407	97	39828	10.88	ug/L	99
46) Tetrachloroethene	8.558	164	30628	10.32	ug/L	98
48) 2-Hexanone	8.690	43	95582	14.69	ug/L	98
49) Dibromochloromethane	8.816	129	39386	9.43	ug/L	97
50) 1,2-Dibromoethane	8.931	107	40660	9.98	ug/L	97
51) Chlorobenzene	9.452	112	100726	10.47	ug/L	99
52) Ethylbenzene	9.578	91	161074	9.50	ug/L	97
53) m,p-Xylene	9.700	106	59743	9.47	ug/L	100
54) o-xylene	10.105	106	59589	9.57	ug/L	98
55) Styrene	10.121	104	96826	9.10	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.790	83	70635	10.10	ug/L	99
59) Bromoform	10.298	173	30660	9.66	ug/L	99
60) 1,2,3-Trichloropropane	10.828	75	56909	10.50	ug/L	99
61) Isopropylbenzene	10.491	105	148797	9.58	ug/L	99
62) 1,3,5-Trimethylbenzene	11.095	105	114656	8.64	ug/L	99
63) 1,2,4-Trimethylbenzene	11.475	105	114608	8.35	ug/L	99
64) 1,3-Dichlorobenzene	11.751	146	73408	9.71	ug/L	98
65) 1,4-Dichlorobenzene	11.841	146	75578	9.83	ug/L	97
67) 1,2-Dichlorobenzene	12.217	146	77461	9.95	ug/L	100
68) 1,2-Dibromo-3-chloropr...	13.002	75	15079	8.38	ug/L	94
69) 1,3,5-Trichlorobenzene	13.224	180	52808	8.86	ug/L	98
70) 1,2,4-trichlorobenzene	13.847	180	42883	8.41	ug/L	99
71) Naphthalene	14.092	128	134229	8.33	ug/L	100
72) 1,2,3-Trichlorobenzene	14.336	180	46726	8.93	ug/L	99

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

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