Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032421\
Data File : VU042765.D
Acq On : 24 Mar 2021 14:54
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 25 05:11:41 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U032421W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 25 05:07:50 2021
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.385	168	102727	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	154540	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.427	117	148420	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.822	152	79308	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	8783	5.64	ug/l	0.00
Spiked Amount 50.000			Recovery = 11.28%			
35) Dibromofluoromethane	5.301	113	6296	4.58	ug/l	0.00
Spiked Amount 50.000			Recovery = 9.16%			
50) Toluene-d8	7.906	98	19749	3.90	ug/l	0.00
Spiked Amount 50.000			Recovery = 7.80%			
62) 4-Bromofluorobenzene	10.642	95	7125	3.58	ug/l	0.00
Spiked Amount 50.000			Recovery = 7.16%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	5954	5.36	ug/l	96
3) Chloromethane	1.523	50	6948	5.21	ug/l	95
4) Vinyl Chloride	1.607	62	6111	4.60	ug/l	94
5) Bromomethane	1.858	94	5248	6.94	ug/l	89
6) Chloroethane	1.932	64	5172	5.83	ug/l	96
7) Trichlorofluoromethane	2.141	101	11013	5.94	ug/l	97
8) Diethyl Ether	2.385	74	3367	4.39	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.588	101	5463	4.67	ug/l	97
10) Methyl Iodide	2.729	142	6344	6.08	ug/l	99
11) Tert butyl alcohol	3.228	59	8637m	26.01	ug/l	
12) 1,1-Dichloroethene	2.584	96	5032	4.61	ug/l	94
13) Acrolein	2.498	56	5237	21.29	ug/l	100
14) Allyl chloride	2.929	41	10255	4.81	ug/l	99
15) Acrylonitrile	3.327	53	20102	24.81	ug/l	97
16) Acetone	2.642	43	22179	26.70	ug/l	94
17) Carbon Disulfide	2.800	76	13811	5.39	ug/l	99
18) Methyl Acetate	2.961	43	8935	4.53	ug/l	97
19) Methyl tert-butyl Ether	3.372	73	17844	4.47	ug/l	100
20) Methylene Chloride	3.054	84	6400	4.52	ug/l	98
21) trans-1,2-Dichloroethene	3.356	96	5330	4.57	ug/l	97
22) Diisopropyl ether	4.006	45	19122	4.59	ug/l	86
23) Vinyl Acetate	3.967	43	90209	26.11	ug/l	97
24) 1,1-Dichloroethane	3.880	63	11333	4.64	ug/l	97
25) 2-Butanone	4.723	43	32364	29.20	ug/l	98
26) 2,2-Dichloropropane	4.674	77	9429	4.72	ug/l	94
27) cis-1,2-Dichloroethene	4.678	96	5855	4.17	ug/l	94
28) Bromochloromethane	4.983	49	5452	4.80	ug/l #	97
29) Tetrahydrofuran	5.070	42	19541	28.85	ug/l	98
30) Chloroform	5.099	83	11663	4.64	ug/l	100
31) Cyclohexane	5.391	56	11793	6.32	ug/l #	90
32) 1,1,1-Trichloroethane	5.324	97	10604	5.21	ug/l	91
36) 1,1-Dichloropropene	5.536	75	7914	4.73	ug/l	97
37) Ethyl Acetate	4.816	43	11741	5.74	ug/l	99
38) Carbon Tetrachloride	5.536	117	9130	5.07	ug/l	98
39) Methylcyclohexane	6.771	83	8767	4.87	ug/l	96
40) Benzene	5.784	78	23622	4.46	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.983	41	5918	5.47	ug/l		95
42) 1,2-Dichloroethane	5.803	62	10296	5.40	ug/l		98
43) Isopropyl Acetate	5.925	43	18248	5.74	ug/l		97
44) Trichloroethene	6.552	130	6409	4.40	ug/l		85
45) 1,2-Dichloropropane	6.803	63	6525	4.25	ug/l		93
46) Dibromomethane	6.928	93	4298	4.39	ug/l		94
47) Bromodichloromethane	7.115	83	9235	4.58	ug/l	#	94
48) Methyl methacrylate	6.973	41	8266	5.43	ug/l		96
49) 1,4-Dioxane	7.018	88	3479m	106.27	ug/l		
51) 4-Methyl-2-Pentanone	7.806	43	60006	27.23	ug/l		98
52) Toluene	7.977	92	14106	4.25	ug/l		97
53) t-1,3-Dichloropropene	8.218	75	8879	4.24	ug/l		98
54) cis-1,3-Dichloropropene	7.616	75	9333	4.11	ug/l		95
55) 1,1,2-Trichloroethane	8.407	97	6006	4.01	ug/l		94
56) Ethyl methacrylate	8.343	69	8234	4.05	ug/l		96
57) 1,3-Dichloropropane	8.584	76	10829	4.42	ug/l		94
58) 2-Chloroethyl Vinyl ether	7.472	63	7188	11.24	ug/l		100
59) 2-Hexanone	8.697	43	45060	27.03	ug/l		97
60) Dibromochloromethane	8.819	129	6924	4.27	ug/l		95
61) 1,2-Dibromoethane	8.935	107	6911	4.64	ug/l		92
64) Tetrachloroethene	8.562	164	6577	5.09	ug/l		91
65) Chlorobenzene	9.452	112	15292	4.17	ug/l		99
66) 1,1,1,2-Tetrachloroethane	9.542	131	6040	4.27	ug/l		97
67) Ethyl Benzene	9.578	91	26062	4.30	ug/l		100
68) m/p-Xylenes	9.703	106	19255	8.47	ug/l		98
69) o-Xylene	10.108	106	8913	4.02	ug/l		92
70) Styrene	10.124	104	15227	3.94	ug/l		97
71) Bromoform	10.298	173	5297	4.27	ug/l	#	98
73) Isopropylbenzene	10.491	105	24407	4.74	ug/l		99
74) N-amyl acetate	10.330	43	12970	5.90	ug/l		97
75) 1,1,2,2-Tetrachloroethane	10.793	83	10422	5.00	ug/l		99
76) 1,2,3-Trichloropropane	10.832	75	10403m	5.88	ug/l		
77) Bromobenzene	10.790	156	7062	4.92	ug/l		98
78) n-propylbenzene	10.915	91	28708	4.79	ug/l		100
79) 2-Chlorotoluene	10.996	91	17368	4.77	ug/l		98
80) 1,3,5-Trimethylbenzene	11.095	105	20806	4.80	ug/l		99
81) trans-1,4-Dichloro-2-b...	10.555	75	3019	5.55	ug/l		93
82) 4-Chlorotoluene	11.105	91	20489	4.86	ug/l		96
83) tert-Butylbenzene	11.430	119	20046	4.65	ug/l		95
84) 1,2,4-Trimethylbenzene	11.478	105	20387	4.67	ug/l		99
85) sec-Butylbenzene	11.652	105	23891	4.69	ug/l		97
86) p-Isopropyltoluene	11.803	119	21203	4.50	ug/l		97
87) 1,3-Dichlorobenzene	11.755	146	12568	4.80	ug/l		100
88) 1,4-Dichlorobenzene	11.845	146	13147	4.81	ug/l		93
89) n-Butylbenzene	12.218	91	19808	4.80	ug/l		93
90) Hexachloroethane	12.484	117	4393	5.69	ug/l		93
91) 1,2-Dichlorobenzene	12.221	146	12982	5.02	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	13.009	75	2370	5.83	ug/l		92
93) 1,2,4-Trichlorobenzene	13.848	180	7250	4.76	ug/l		96
94) Hexachlorobutadiene	14.028	225	4794	5.23	ug/l		95
95) Naphthalene	14.095	128	17553	4.23	ug/l		99
96) 1,2,3-Trichlorobenzene	14.340	180	7180	4.50	ug/l		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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