Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021721\
Data File : VU042331.D
Acq On : 17 Feb 2021 17:54
Operator : SY/MD
Sample : VU0217WBS02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Feb 18 03:49:43 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U021721W.M
Quant Title : SW846 8260
QLast Update : Thu Feb 18 03:48:34 2021
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VU0217WBS02

Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.382	168	143148	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	218986	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	203506	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	108533	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	110761	51.02	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.04%			
35) Dibromofluoromethane	5.298	113	77031	49.84	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.68%			
50) Toluene-d8	7.906	98	285435	51.56	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.12%			
62) 4-Bromofluorobenzene	10.639	95	106769	48.93	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.86%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	35786	20.73	ug/l	99
3) Chloromethane	1.523	50	35705	20.25	ug/l	97
4) Vinyl Chloride	1.607	62	34755	20.59	ug/l	99
5) Bromomethane	1.861	94	21913	21.07	ug/l	97
6) Chloroethane	1.935	64	20281	20.86	ug/l	99
7) Trichlorofluoromethane	2.141	101	52432	20.25	ug/l	97
8) Diethyl Ether	2.382	74	16913	20.54	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.588	101	27566	20.39	ug/l	99
10) Methyl Iodide	2.729	142	36287	18.79	ug/l	99
11) Tert butyl alcohol	3.231	59	52220	112.60	ug/l #	95
12) 1,1-Dichloroethene	2.584	96	26561	20.13	ug/l	99
13) Acrolein	2.494	56	25003	97.12	ug/l	99
14) Allyl chloride	2.932	41	60316	20.63	ug/l	99
15) Acrylonitrile	3.324	53	113098	100.97	ug/l	98
16) Acetone	2.642	43	117323	87.13	ug/l	99
17) Carbon Disulfide	2.800	76	77932	19.63	ug/l	98
18) Methyl Acetate	2.957	43	49890	20.40	ug/l	98
19) Methyl tert-butyl Ether	3.372	73	102998	20.61	ug/l	98
20) Methylene Chloride	3.054	84	31244	20.13	ug/l	97
21) trans-1,2-Dichloroethene	3.362	96	28362	20.05	ug/l	97
22) Diisopropyl ether	4.002	45	113133	20.38	ug/l	99
23) Vinyl Acetate	3.964	43	536783	101.79	ug/l	100
24) 1,1-Dichloroethane	3.880	63	58619	20.35	ug/l	100
25) 2-Butanone	4.716	43	174347	97.38	ug/l	99
26) 2,2-Dichloropropane	4.674	77	52076	19.92	ug/l	99
27) cis-1,2-Dichloroethene	4.674	96	34617	21.13	ug/l	99
28) Bromochloromethane	4.983	49	30889	20.76	ug/l	99
29) Tetrahydrofuran	5.063	42	112941	101.48	ug/l	100
30) Chloroform	5.096	83	59496	20.31	ug/l	99
31) Cyclohexane	5.398	56	56539	19.89	ug/l	97
32) 1,1,1-Trichloroethane	5.324	97	53426	20.04	ug/l	98
36) 1,1-Dichloropropene	5.536	75	42977	19.85	ug/l	99
37) Ethyl Acetate	4.813	43	66745	19.83	ug/l	99
38) Carbon Tetrachloride	5.533	117	47204	20.39	ug/l	99
39) Methylcyclohexane	6.771	83	48826	19.50	ug/l	99
40) Benzene	5.784	78	125007	20.54	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.983	41	35168	20.27	ug/l		98
42) 1,2-Dichloroethane	5.803	62	53823	20.28	ug/l		99
43) Isopropyl Acetate	5.919	43	100073	20.23	ug/l		98
44) Trichloroethene	6.552	130	32222	19.88	ug/l		98
45) 1,2-Dichloropropane	6.800	63	33970	20.12	ug/l		98
46) Dibromomethane	6.928	93	24248	20.58	ug/l		98
47) Bromodichloromethane	7.115	83	47256	20.46	ug/l		97
48) Methyl methacrylate	6.967	41	49114	20.07	ug/l		97
49) 1,4-Dioxane	7.009	88	20940	445.59	ug/l	#	96
51) 4-Methyl-2-Pentanone	7.800	43	332818	99.40	ug/l		100
52) Toluene	7.976	92	75496	20.11	ug/l		98
53) t-1,3-Dichloropropene	8.218	75	50511	19.90	ug/l		99
54) cis-1,3-Dichloropropene	7.616	75	53779	19.93	ug/l		97
55) 1,1,2-Trichloroethane	8.407	97	31815	20.41	ug/l		97
56) Ethyl methacrylate	8.340	69	52691	19.72	ug/l		98
57) 1,3-Dichloropropane	8.584	76	55325	20.30	ug/l		99
58) 2-Chloroethyl Vinyl ether	7.472	63	91917	99.45	ug/l		99
59) 2-Hexanone	8.693	43	269496	100.74	ug/l		99
60) Dibromochloromethane	8.816	129	36024	19.81	ug/l		99
61) 1,2-Dibromoethane	8.931	107	35337	19.93	ug/l		99
64) Tetrachloroethene	8.562	164	30198	19.69	ug/l		98
65) Chlorobenzene	9.452	112	80663	19.80	ug/l		98
66) 1,1,1,2-Tetrachloroethane	9.542	131	32252	20.75	ug/l		99
67) Ethyl Benzene	9.578	91	150278	20.48	ug/l		100
68) m/p-Xylenes	9.700	106	109225	40.25	ug/l		100
69) o-Xylene	10.108	106	54699	20.60	ug/l		98
70) Styrene	10.121	104	89255	20.18	ug/l		99
71) Bromoform	10.298	173	29614	19.77	ug/l	#	98
73) Isopropylbenzene	10.491	105	146661	20.26	ug/l		100
74) N-amyl acetate	10.330	43	86130	20.83	ug/l		99
75) 1,1,2,2-Tetrachloroethane	10.790	83	56038	20.36	ug/l		99
76) 1,2,3-Trichloropropane	10.832	75	49889m	18.59	ug/l		
77) Bromobenzene	10.790	156	38239	19.74	ug/l		99
78) n-propylbenzene	10.912	91	169353	20.21	ug/l		100
79) 2-Chlorotoluene	10.992	91	100292	19.57	ug/l		99
80) 1,3,5-Trimethylbenzene	11.095	105	126035	20.27	ug/l		99
81) trans-1,4-Dichloro-2-b...	10.555	75	18354	18.59	ug/l		96
82) 4-Chlorotoluene	11.102	91	117645	19.72	ug/l		99
83) tert-Butylbenzene	11.426	119	125992	20.93	ug/l		99
84) 1,2,4-Trimethylbenzene	11.475	105	125232	20.12	ug/l		99
85) sec-Butylbenzene	11.652	105	143157	20.19	ug/l		99
86) p-Isopropyltoluene	11.799	119	131772	20.13	ug/l		100
87) 1,3-Dichlorobenzene	11.751	146	66023	19.73	ug/l		99
88) 1,4-Dichlorobenzene	11.844	146	67199	19.62	ug/l		98
89) n-Butylbenzene	12.214	91	113556	19.75	ug/l		100
90) Hexachloroethane	12.484	117	22660	19.52	ug/l		98
91) 1,2-Dichlorobenzene	12.221	146	68514	20.11	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	13.005	75	15620	20.70	ug/l		97
93) 1,2,4-Trichlorobenzene	13.848	180	43293	20.43	ug/l		97
94) Hexachlorobutadiene	14.028	225	23848	20.06	ug/l		99
95) Naphthalene	14.095	128	130821	19.41	ug/l		100
96) 1,2,3-Trichlorobenzene	14.339	180	44769	21.57	ug/l		97

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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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