Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041221\
Data File : VU043023.D
Acq On : 12 Apr 2021 15:14
Operator : SY/MD
Sample : VU0412WBS01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Apr 13 05:12:57 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U041221W.M
Quant Title : SW846 8260
QLast Update : Mon Apr 12 13:17:29 2021
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VU0412WBS01

Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.382	168	113105	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	174204	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.426	117	167525	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	91951	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	90425	47.56	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.12%			
35) Dibromofluoromethane	5.298	113	60264	46.04	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.08%			
50) Toluene-d8	7.906	98	219877	47.47	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.94%			
62) 4-Bromofluorobenzene	10.642	95	83561	45.05	ug/l	0.00
Spiked Amount 50.000			Recovery = 90.10%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	21126	18.10	ug/l	99
3) Chloromethane	1.523	50	24290	18.78	ug/l	99
4) Vinyl Chloride	1.607	62	22563	17.73	ug/l	99
5) Bromomethane	1.851	94	13227	19.07	ug/l	94
6) Chloroethane	1.928	64	17536	19.95	ug/l	94
7) Trichlorofluoromethane	2.137	101	40073	18.53	ug/l	99
8) Diethyl Ether	2.382	74	12705	18.35	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.584	101	19923	17.91	ug/l	97
10) Methyl Iodide	2.729	142	25557	17.43	ug/l	98
11) Tert butyl alcohol	3.205	59	42506m	86.74	ug/l	
12) 1,1-Dichloroethene	2.584	96	18623	17.59	ug/l	99
13) Acrolein	2.491	56	25271	89.70	ug/l	100
14) Allyl chloride	2.928	41	44815	17.44	ug/l	98
15) Acrylonitrile	3.321	53	92287	87.55	ug/l	99
16) Acetone	2.636	43	95172	84.85	ug/l	99
17) Carbon Disulfide	2.800	76	55622	17.08	ug/l	99
18) Methyl Acetate	2.954	43	42874	18.04	ug/l	96
19) Methyl tert-butyl Ether	3.372	73	74880	17.90	ug/l	98
20) Methylene Chloride	3.050	84	24046	17.81	ug/l	97
21) trans-1,2-Dichloroethene	3.359	96	21601	17.46	ug/l	92
22) Diisopropyl ether	4.002	45	86865	17.67	ug/l	96
23) Vinyl Acetate	3.964	43	416246	87.51	ug/l	99
24) 1,1-Dichloroethane	3.880	63	44094	17.74	ug/l	98
25) 2-Butanone	4.713	43	147525	85.41	ug/l	99
26) 2,2-Dichloropropane	4.674	77	38394	17.61	ug/l	99
27) cis-1,2-Dichloroethene	4.674	96	24758	17.59	ug/l	95
28) Bromochloromethane	4.983	49	22900	18.07	ug/l	100
29) Tetrahydrofuran	5.060	42	93117	85.62	ug/l	97
30) Chloroform	5.099	83	46373	17.62	ug/l	97
31) Cyclohexane	5.398	56	42213	18.00	ug/l	96
32) 1,1,1-Trichloroethane	5.327	97	41013	17.63	ug/l	96
36) 1,1-Dichloropropene	5.533	75	32391	17.53	ug/l	98
37) Ethyl Acetate	4.812	43	55239	17.48	ug/l	98
38) Carbon Tetrachloride	5.533	117	35847	18.09	ug/l	99
39) Methylcyclohexane	6.774	83	36910	18.17	ug/l	97
40) Benzene	5.783	78	94098	17.82	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.980	41	28166	16.95	ug/l		97
42) 1,2-Dichloroethane	5.803	62	41806	17.85	ug/l		100
43) Isopropyl Acetate	5.922	43	78268	17.37	ug/l		97
44) Trichloroethene	6.552	130	24236	18.10	ug/l		99
45) 1,2-Dichloropropane	6.800	63	26199	17.81	ug/l		97
46) Dibromomethane	6.925	93	19214	18.47	ug/l		97
47) Bromodichloromethane	7.115	83	35839	17.45	ug/l		99
48) Methyl methacrylate	6.970	41	40094	17.72	ug/l		95
49) 1,4-Dioxane	6.986	88	16588	365.92	ug/l	#	100
51) 4-Methyl-2-Pentanone	7.803	43	279793	83.91	ug/l		99
52) Toluene	7.976	92	58876	17.98	ug/l		98
53) t-1,3-Dichloropropene	8.217	75	39434	17.29	ug/l		98
54) cis-1,3-Dichloropropene	7.616	75	41417	17.88	ug/l		95
55) 1,1,2-Trichloroethane	8.407	97	24937	17.76	ug/l		96
56) Ethyl methacrylate	8.343	69	40058	17.41	ug/l		96
57) 1,3-Dichloropropane	8.584	76	42210	17.40	ug/l		99
58) 2-Chloroethyl Vinyl ether	7.472	63	69532	77.90	ug/l		99
59) 2-Hexanone	8.697	43	225918	82.29	ug/l		99
60) Dibromochloromethane	8.819	129	28361	17.46	ug/l		99
61) 1,2-Dibromoethane	8.931	107	27484	17.35	ug/l		100
64) Tetrachloroethene	8.562	164	20943	17.23	ug/l		95
65) Chlorobenzene	9.455	112	63185	17.59	ug/l		99
66) 1,1,1,2-Tetrachloroethane	9.542	131	24728	18.01	ug/l		99
67) Ethyl Benzene	9.578	91	115850	17.87	ug/l		98
68) m/p-Xylenes	9.703	106	86641	36.12	ug/l		98
69) o-Xylene	10.108	106	41082	17.55	ug/l		97
70) Styrene	10.121	104	68457	17.36	ug/l		98
71) Bromoform	10.301	173	23462	16.58	ug/l	#	99
73) Isopropylbenzene	10.491	105	112972	18.31	ug/l		100
74) N-amyl acetate	10.330	43	67363	16.99	ug/l		99
75) 1,1,2,2-Tetrachloroethane	10.793	83	47628	17.72	ug/l		100
76) 1,2,3-Trichloropropane	10.832	75	45517m	16.94	ug/l		
77) Bromobenzene	10.790	156	30910	17.98	ug/l		98
78) n-propylbenzene	10.912	91	136951	18.53	ug/l		98
79) 2-Chlorotoluene	10.992	91	80347	17.89	ug/l		99
80) 1,3,5-Trimethylbenzene	11.095	105	101372	18.61	ug/l		98
81) trans-1,4-Dichloro-2-b...	10.555	75	14826	16.21	ug/l		93
82) 4-Chlorotoluene	11.105	91	97173	18.01	ug/l		99
83) tert-Butylbenzene	11.430	119	96646	18.05	ug/l		99
84) 1,2,4-Trimethylbenzene	11.475	105	100739	18.00	ug/l		99
85) sec-Butylbenzene	11.651	105	113453	18.08	ug/l		98
86) p-Isopropyltoluene	11.803	119	103834	17.97	ug/l		98
87) 1,3-Dichlorobenzene	11.754	146	53547	17.18	ug/l		99
88) 1,4-Dichlorobenzene	11.844	146	55387	17.04	ug/l		99
89) n-Butylbenzene	12.217	91	97136	17.95	ug/l		97
90) Hexachloroethane	12.484	117	18610	17.18	ug/l		100
91) 1,2-Dichlorobenzene	12.221	146	54110	16.99	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	13.008	75	12421	16.33	ug/l		97
93) 1,2,4-Trichlorobenzene	13.847	180	35602	17.91	ug/l		96
94) Hexachlorobutadiene	14.031	225	19919	18.56	ug/l		100
95) Naphthalene	14.095	128	101871	17.22	ug/l		99
96) 1,2,3-Trichlorobenzene	14.339	180	33478	17.38	ug/l		99

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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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