Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040921\
Data File : VU043010.D
Acq On : 09 Apr 2021 18:13
Operator : SY/MD
Sample : M1977-04MSD
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Apr 10 05:08:39 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U040921W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 09 09:26:47 2021
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
GWBR3-200-220-040721MSD

Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.382	168	111933	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	174077	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	169340	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	98588	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	89555	48.94	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.88%			
35) Dibromofluoromethane	5.298	113	61759	48.58	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.16%			
50) Toluene-d8	7.906	98	224442	49.01	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.02%			
62) 4-Bromofluorobenzene	10.639	95	88732	47.43	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.86%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	55218	51.96	ug/l	95
3) Chloromethane	1.520	50	63414	50.55	ug/l	97
4) Vinyl Chloride	1.607	62	60256	50.82	ug/l	94
5) Bromomethane	1.845	94	34185	48.10	ug/l	98
6) Chloroethane	1.928	64	41189	46.93	ug/l	99
7) Trichlorofluoromethane	2.137	101	101370	49.43	ug/l	98
8) Diethyl Ether	2.378	74	34699	52.81	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.584	101	52716	50.00	ug/l	98
10) Methyl Iodide	2.726	142	74927	51.92	ug/l	98
11) Tert butyl alcohol	3.189	59	119079	239.36	ug/l #	87
12) 1,1-Dichloroethene	2.584	96	72589	70.40	ug/l	99
13) Acrolein	2.488	56	78582	222.03	ug/l	98
14) Allyl chloride	2.928	41	122767	51.86	ug/l	99
15) Acrylonitrile	3.317	53	257395	261.22	ug/l	99
16) Acetone	2.629	43	261552	254.89	ug/l	98
17) Carbon Disulfide	2.796	76	142025	48.26	ug/l	99
18) Methyl Acetate	2.951	43	123016	52.58	ug/l	98
19) Methyl tert-butyl Ether	3.369	73	210071	51.69	ug/l	100
20) Methylene Chloride	3.050	84	63140	48.07	ug/l	98
21) trans-1,2-Dichloroethene	3.359	96	58467	50.08	ug/l	93
22) Diisopropyl ether	3.999	45	243461	51.75	ug/l	97
23) Vinyl Acetate	3.964	43	1170313	259.25	ug/l	100
24) 1,1-Dichloroethane	3.877	63	124267	53.81	ug/l	99
25) 2-Butanone	4.706	43	431606	263.24	ug/l	100
26) 2,2-Dichloropropane	4.674	77	103866	50.41	ug/l	99
27) cis-1,2-Dichloroethene	4.674	96	84538	64.54	ug/l	99
28) Bromochloromethane	4.983	49	62003	51.28	ug/l #	98
29) Tetrahydrofuran	5.057	42	273207	260.34	ug/l	99
30) Chloroform	5.095	83	136935	54.95	ug/l	97
31) Cyclohexane	5.394	56	106702	48.38	ug/l	99
32) 1,1,1-Trichloroethane	5.324	97	110888	51.81	ug/l	99
36) 1,1-Dichloropropene	5.533	75	89008	52.07	ug/l	99
37) Ethyl Acetate	4.809	43	151157	51.36	ug/l	99
38) Carbon Tetrachloride	5.533	117	97810	51.95	ug/l	95
39) Methylcyclohexane	6.771	83	97517	51.75	ug/l	99
40) Benzene	5.780	78	258827	51.76	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.976	41	83744	53.45	ug/l		99
42) 1,2-Dichloroethane	5.803	62	119913	54.03	ug/l		99
43) Isopropyl Acetate	5.918	43	223554	52.31	ug/l		99
44) Trichloroethene	6.549	130	118355	91.66	ug/l		98
45) 1,2-Dichloropropane	6.800	63	71554	51.13	ug/l		97
46) Dibromomethane	6.925	93	50370	51.91	ug/l		99
47) Bromodichloromethane	7.115	83	101922	52.47	ug/l		99
48) Methyl methacrylate	6.967	41	115206	52.92	ug/l		98
49) 1,4-Dioxane	6.976	88	47909	1025.67	ug/l		97
51) 4-Methyl-2-Pentanone	7.799	43	831798	226.82	ug/l		100
52) Toluene	7.976	92	666697	212.40	ug/l		100
53) t-1,3-Dichloropropene	8.217	75	114252	47.21	ug/l		98
54) cis-1,3-Dichloropropene	7.613	75	113045	46.72	ug/l		99
55) 1,1,2-Trichloroethane	8.407	97	69913	52.21	ug/l		97
56) Ethyl methacrylate	8.340	69	117461	44.87	ug/l		99
57) 1,3-Dichloropropane	8.581	76	122146	52.52	ug/l		100
59) 2-Hexanone	8.693	43	716857	236.03	ug/l		100
60) Dibromochloromethane	8.815	129	81968	46.83	ug/l		99
61) 1,2-Dibromoethane	8.931	107	80026	52.45	ug/l		100
64) Tetrachloroethene	8.558	164	56484	51.16	ug/l		97
65) Chlorobenzene	9.455	112	175255	50.38	ug/l		100
66) 1,1,1,2-Tetrachloroethane	9.542	131	69346	50.75	ug/l		98
67) Ethyl Benzene	9.578	91	329169	52.71	ug/l		99
68) m/p-Xylenes	9.700	106	244349	106.95	ug/l		99
69) o-Xylene	10.108	106	118092	53.32	ug/l		97
70) Styrene	10.121	104	201964	46.79	ug/l		99
71) Bromoform	10.298	173	68968	44.75	ug/l	#	99
73) Isopropylbenzene	10.491	105	326457	52.04	ug/l		100
74) N-amyl acetate	10.327	43	210870	54.66	ug/l		99
75) 1,1,2,2-Tetrachloroethane	10.790	83	140791	49.96	ug/l		97
76) 1,2,3-Trichloropropane	10.831	75	143507m	51.03	ug/l		
77) Bromobenzene	10.790	156	86359	50.70	ug/l		98
78) n-propylbenzene	10.912	91	392969	51.61	ug/l		99
79) 2-Chlorotoluene	10.992	91	232411	50.44	ug/l		100
80) 1,3,5-Trimethylbenzene	11.095	105	292105	52.64	ug/l		99
81) trans-1,4-Dichloro-2-b...	10.555	75	48454	48.55	ug/l		98
82) 4-Chlorotoluene	11.102	91	280850	51.22	ug/l		100
83) tert-Butylbenzene	11.426	119	282687	50.96	ug/l		100
84) 1,2,4-Trimethylbenzene	11.475	105	298424	51.94	ug/l		99
85) sec-Butylbenzene	11.651	105	333417	51.50	ug/l		99
86) p-Isopropyltoluene	11.799	119	311302	53.19	ug/l		99
87) 1,3-Dichlorobenzene	11.751	146	156168	48.92	ug/l		98
88) 1,4-Dichlorobenzene	11.844	146	161417	49.79	ug/l		100
89) n-Butylbenzene	12.214	91	294730	48.71	ug/l		99
90) Hexachloroethane	12.484	117	55029	46.50	ug/l		99
91) 1,2-Dichlorobenzene	12.220	146	164623	52.08	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	13.005	75	43029	53.35	ug/l		99
93) 1,2,4-Trichlorobenzene	13.847	180	114687	58.19	ug/l		100
94) Hexachlorobutadiene	14.031	225	56741	52.63	ug/l		99
95) Naphthalene	14.095	128	376793	53.18	ug/l		100
96) 1,2,3-Trichlorobenzene	14.339	180	113650	58.01	ug/l		98

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

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