Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040921\
Data File : VU043009.D
Acq On : 09 Apr 2021 17:50
Operator : SY/MD
Sample : M1977-03MS
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Apr 10 05:08:01 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 :
GWBR3-200-220-040721MS

Manual Integrations APPROVED
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4/12/2021 9:59:06 AM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.382	168	109081	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	170987	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	166101	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	94667	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	87082	48.83	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.66%			
35) Dibromofluoromethane	5.298	113	60632	48.56	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.12%			
50) Toluene-d8	7.906	98	218053	48.48	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.96%			
62) 4-Bromofluorobenzene	10.639	95	86081	46.85	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.70%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	49056	47.37	ug/l	99
3) Chloromethane	1.523	50	60114	49.16	ug/l	100
4) Vinyl Chloride	1.607	62	56217	48.65	ug/l	92
5) Bromomethane	1.848	94	29630	42.78	ug/l	99
6) Chloroethane	1.929	64	41644	48.69	ug/l	98
7) Trichlorofluoromethane	2.138	101	101398	50.73	ug/l	100
8) Diethyl Ether	2.382	74	33860	52.88	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.585	101	51624	50.25	ug/l	99
10) Methyl Iodide	2.726	142	73172	52.03	ug/l	100
11) Tert butyl alcohol	3.192	59	110385m	227.68	ug/l	
12) 1,1-Dichloroethene	2.585	96	70086	69.75	ug/l	99
13) Acrolein	2.491	56	72503	211.67	ug/l	98
14) Allyl chloride	2.929	41	117656	51.00	ug/l	99
15) Acrylonitrile	3.318	53	241918	251.93	ug/l	99
16) Acetone	2.633	43	252648	252.65	ug/l	100
17) Carbon Disulfide	2.797	76	137712	48.02	ug/l	100
18) Methyl Acetate	2.951	43	117648	51.60	ug/l	99
19) Methyl tert-butyl Ether	3.372	73	203809	51.46	ug/l	99
20) Methylene Chloride	3.051	84	60329	47.13	ug/l	99
21) trans-1,2-Dichloroethene	3.359	96	57177	50.26	ug/l	95
22) Diisopropyl ether	3.999	45	236138	51.51	ug/l	92
23) Vinyl Acetate	3.964	43	1132131	257.34	ug/l	100
24) 1,1-Dichloroethane	3.877	63	120549	53.56	ug/l	99
25) 2-Butanone	4.710	43	408590	255.72	ug/l	100
26) 2,2-Dichloropropane	4.674	77	102884	51.24	ug/l	99
27) cis-1,2-Dichloroethene	4.674	96	81067	63.51	ug/l	99
28) Bromochloromethane	4.983	49	60413	51.27	ug/l #	98
29) Tetrahydrofuran	5.057	42	258666	252.93	ug/l	99
30) Chloroform	5.096	83	134545	55.40	ug/l	99
31) Cyclohexane	5.395	56	104589	48.66	ug/l	99
32) 1,1,1-Trichloroethane	5.324	97	108881	52.20	ug/l	99
36) 1,1-Dichloropropene	5.533	75	85230	50.76	ug/l	96
37) Ethyl Acetate	4.810	43	144082	49.84	ug/l	100
38) Carbon Tetrachloride	5.533	117	94369	51.02	ug/l	94
39) Methylcyclohexane	6.771	83	95443	51.56	ug/l	97
40) Benzene	5.781	78	254295	51.77	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.980	41	79816	51.87	ug/l		99
42) 1,2-Dichloroethane	5.803	62	116188	53.30	ug/l		100
43) Isopropyl Acetate	5.919	43	215226	51.27	ug/l		99
44) Trichloroethene	6.549	130	117857	92.93	ug/l		94
45) 1,2-Dichloropropane	6.800	63	70449	51.25	ug/l		97
46) Dibromomethane	6.925	93	50085	52.55	ug/l		99
47) Bromodichloromethane	7.112	83	100623	52.74	ug/l		97
48) Methyl methacrylate	6.967	41	111817	52.30	ug/l		99
49) 1,4-Dioxane	6.983	88	46377	1011.10	ug/l		97
51) 4-Methyl-2-Pentanone	7.800	43	794022	220.70	ug/l		99
52) Toluene	7.977	92	653872	212.07	ug/l		100
53) t-1,3-Dichloropropene	8.218	75	110364	46.46	ug/l		98
54) cis-1,3-Dichloropropene	7.613	75	110495	46.50	ug/l		99
55) 1,1,2-Trichloroethane	8.407	97	68671	52.21	ug/l		99
56) Ethyl methacrylate	8.340	69	113821	44.30	ug/l		99
57) 1,3-Dichloropropane	8.581	76	118998	52.09	ug/l		99
59) 2-Hexanone	8.694	43	671436	225.44	ug/l		100
60) Dibromochloromethane	8.816	129	80254	46.69	ug/l		99
61) 1,2-Dibromoethane	8.932	107	77549	51.74	ug/l		100
64) Tetrachloroethene	8.559	164	55894	51.62	ug/l		98
65) Chlorobenzene	9.452	112	173242	50.78	ug/l		100
66) 1,1,1,2-Tetrachloroethane	9.542	131	68962	51.46	ug/l		99
67) Ethyl Benzene	9.578	91	322693	52.68	ug/l		100
68) m/p-Xylenes	9.700	106	239900	107.05	ug/l		99
69) o-Xylene	10.108	106	114782	52.84	ug/l		98
70) Styrene	10.121	104	195835	46.28	ug/l		99
71) Bromoform	10.298	173	66550	44.07	ug/l	#	100
73) Isopropylbenzene	10.491	105	318096	52.81	ug/l		99
74) N-amyl acetate	10.327	43	201970	54.52	ug/l		99
75) 1,1,2,2-Tetrachloroethane	10.790	83	134148	49.57	ug/l		97
76) 1,2,3-Trichloropropane	10.832	75	138076m	51.14	ug/l		
77) Bromobenzene	10.790	156	83396	50.99	ug/l		97
78) n-propylbenzene	10.912	91	388686	53.16	ug/l		100
79) 2-Chlorotoluene	10.993	91	227945	51.52	ug/l		99
80) 1,3,5-Trimethylbenzene	11.095	105	281074	52.75	ug/l		99
81) trans-1,4-Dichloro-2-b...	10.552	75	44702	46.83	ug/l		99
82) 4-Chlorotoluene	11.102	91	271769	51.61	ug/l		100
83) tert-Butylbenzene	11.427	119	278562	52.30	ug/l		99
84) 1,2,4-Trimethylbenzene	11.475	105	292074	52.95	ug/l		99
85) sec-Butylbenzene	11.652	105	326375	52.50	ug/l		99
86) p-Isopropyltoluene	11.800	119	303374	53.98	ug/l		100
87) 1,3-Dichlorobenzene	11.751	146	152412	49.72	ug/l		99
88) 1,4-Dichlorobenzene	11.841	146	155187	49.85	ug/l		100
89) n-Butylbenzene	12.214	91	285524	49.12	ug/l		100
90) Hexachloroethane	12.481	117	53420	46.99	ug/l		98
91) 1,2-Dichlorobenzene	12.221	146	156962	51.71	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	13.002	75	40601	52.46	ug/l		99
93) 1,2,4-Trichlorobenzene	13.848	180	109991	58.12	ug/l		98
94) Hexachlorobutadiene	14.028	225	54335	52.48	ug/l		99
95) Naphthalene	14.092	128	351001	51.69	ug/l		100
96) 1,2,3-Trichlorobenzene	14.336	180	106932	56.84	ug/l		100

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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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