Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040521\
Data File : VU042926.D
Acq On : 05 Apr 2021 13:27
Operator : SY/MD
Sample : VU0405WBS01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Apr 06 01:17:28 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U032421W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 25 05:42:00 2021
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VU0405WBS01

Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.382	168	121644	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	185235	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	178927	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	100633	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	92962	47.94	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.88%			
35) Dibromofluoromethane	5.298	113	63970	46.27	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.54%			
50) Toluene-d8	7.906	98	227235	46.72	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.44%			
62) 4-Bromofluorobenzene	10.639	95	89918	47.58	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.16%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	25846	18.08	ug/l	96
3) Chloromethane	1.523	50	26426	17.07	ug/l	99
4) Vinyl Chloride	1.607	62	25605	18.18	ug/l	97
5) Bromomethane	1.861	94	19455	18.24	ug/l	93
6) Chloroethane	1.935	64	20797	18.21	ug/l	98
7) Trichlorofluoromethane	2.141	101	44787	18.24	ug/l	99
8) Diethyl Ether	2.382	74	14979	19.57	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.588	101	22466	19.08	ug/l	98
10) Methyl Iodide	2.729	142	25359	15.98	ug/l	98
11) Tert butyl alcohol	3.221	59	49601	119.64	ug/l	99
12) 1,1-Dichloroethene	2.584	96	20737	18.79	ug/l	96
13) Acrolein	2.494	56	10247	68.94	ug/l	95
14) Allyl chloride	2.932	41	48731	20.22	ug/l	98
15) Acrylonitrile	3.324	53	102143	107.42	ug/l	98
16) Acetone	2.642	43	104189	96.93	ug/l	99
17) Carbon Disulfide	2.800	76	53844	17.25	ug/l	98
18) Methyl Acetate	2.957	43	54672	24.61	ug/l	99
19) Methyl tert-butyl Ether	3.372	73	88859	21.22	ug/l	100
20) Methylene Chloride	3.054	84	25724	18.42	ug/l	96
21) trans-1,2-Dichloroethene	3.363	96	23605	19.07	ug/l	99
22) Diisopropyl ether	4.002	45	98121	20.22	ug/l	91
23) Vinyl Acetate	3.967	43	454546	100.66	ug/l	100
24) 1,1-Dichloroethane	3.880	63	48475	19.16	ug/l	97
25) 2-Butanone	4.716	43	164919	104.50	ug/l	99
26) 2,2-Dichloropropane	4.674	77	44459	19.90	ug/l	98
27) cis-1,2-Dichloroethene	4.678	96	27993	19.76	ug/l	98
28) Bromochloromethane	4.986	49	28924	22.90	ug/l	99
29) Tetrahydrofuran	5.063	42	106098	108.66	ug/l	99
30) Chloroform	5.099	83	52851	19.76	ug/l	98
31) Cyclohexane	5.398	56	45335	18.78	ug/l	98
32) 1,1,1-Trichloroethane	5.324	97	45338	19.10	ug/l	97
36) 1,1-Dichloropropene	5.536	75	35852	19.57	ug/l	99
37) Ethyl Acetate	4.813	43	61263	21.54	ug/l	100
38) Carbon Tetrachloride	5.533	117	40508	19.37	ug/l	100
39) Methylcyclohexane	6.771	83	40036	19.08	ug/l	99
40) Benzene	5.784	78	104396	19.05	ug/l	100

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Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.983	41	32855	22.05	ug/l		97
42) 1,2-Dichloroethane	5.803	62	48229	20.52	ug/l		100
43) Isopropyl Acetate	5.922	43	89311	20.86	ug/l		100
44) Trichloroethene	6.549	130	27446	19.48	ug/l		99
45) 1,2-Dichloropropane	6.800	63	30217	20.73	ug/l		96
46) Dibromomethane	6.928	93	20992	20.21	ug/l		98
47) Bromodichloromethane	7.115	83	41964	19.89	ug/l		97
48) Methyl methacrylate	6.967	41	45048	21.80	ug/l		99
49) 1,4-Dioxane	7.005	88	19719	455.44	ug/l	#	81
51) 4-Methyl-2-Pentanone	7.800	43	323210	107.88	ug/l		100
52) Toluene	7.976	92	65786	19.63	ug/l		97
53) t-1,3-Dichloropropene	8.218	75	45242	20.27	ug/l		95
54) cis-1,3-Dichloropropene	7.613	75	45721	19.57	ug/l		99
55) 1,1,2-Trichloroethane	8.407	97	28754	19.95	ug/l		95
56) Ethyl methacrylate	8.340	69	46348	21.04	ug/l		99
57) 1,3-Dichloropropane	8.584	76	50627	20.46	ug/l		99
58) 2-Chloroethyl Vinyl ether	7.472	63	54576	95.80	ug/l		100
59) 2-Hexanone	8.694	43	259190	108.78	ug/l		100
60) Dibromochloromethane	8.819	129	32870	19.61	ug/l		98
61) 1,2-Dibromoethane	8.931	107	31757	19.37	ug/l		98
64) Tetrachloroethene	8.562	164	27733	19.20	ug/l		98
65) Chlorobenzene	9.456	112	70494	19.38	ug/l		95
66) 1,1,1,2-Tetrachloroethane	9.542	131	28771	19.88	ug/l		97
67) Ethyl Benzene	9.578	91	131154	20.10	ug/l		100
68) m/p-Xylenes	9.700	106	97602	40.59	ug/l		99
69) o-Xylene	10.108	106	47311	20.32	ug/l		99
70) Styrene	10.121	104	79097	20.12	ug/l		99
71) Bromoform	10.298	173	28007	20.40	ug/l	#	98
73) Isopropylbenzene	10.491	105	129515	20.33	ug/l		100
74) N-amyl acetate	10.327	43	76894	21.39	ug/l		99
75) 1,1,2,2-Tetrachloroethane	10.790	83	52560	20.19	ug/l		99
76) 1,2,3-Trichloropropane	10.832	75	53326m	20.84	ug/l		
77) Bromobenzene	10.790	156	33866	19.32	ug/l		97
78) n-propylbenzene	10.912	91	154277	20.58	ug/l		99
79) 2-Chlorotoluene	10.992	91	91493	20.22	ug/l		99
80) 1,3,5-Trimethylbenzene	11.095	105	113578	20.55	ug/l		98
81) trans-1,4-Dichloro-2-b...	10.552	75	16647	19.27	ug/l		96
82) 4-Chlorotoluene	11.105	91	110346	20.42	ug/l		100
83) tert-Butylbenzene	11.427	119	111140	20.64	ug/l		98
84) 1,2,4-Trimethylbenzene	11.475	105	113846	20.40	ug/l		100
85) sec-Butylbenzene	11.652	105	132814	21.22	ug/l		100
86) p-Isopropyltoluene	11.803	119	121725	21.26	ug/l		98
87) 1,3-Dichlorobenzene	11.751	146	62622	19.88	ug/l		99
88) 1,4-Dichlorobenzene	11.845	146	64783	20.03	ug/l		99
89) n-Butylbenzene	12.217	91	109154	20.20	ug/l		99
90) Hexachloroethane	12.484	117	21033	19.45	ug/l		98
91) 1,2-Dichlorobenzene	12.221	146	64522	20.12	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	13.005	75	14481	21.00	ug/l		98
93) 1,2,4-Trichlorobenzene	13.848	180	43339	21.20	ug/l		99
94) Hexachlorobutadiene	14.028	225	22425	18.75	ug/l		97
95) Naphthalene	14.095	128	129575	20.59	ug/l		100
96) 1,2,3-Trichlorobenzene	14.340	180	42991	20.78	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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