Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021821\
Data File : VU042343.D
Acq On : 18 Feb 2021 11:40
Operator : SY/MD
Sample : VU0218WBSD01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 19 03:08:25 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U021721W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 19 02:55:52 2021
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VU0218WBSD01

Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	5.382	168	133162	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.256	114	204035	50.00	ug/l		0.00
63) Chlorobenzene-d5	9.423	117	189330	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	101193	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	5.710	65	105390	52.19	ug/l		0.00
Spiked Amount 50.000			Recovery = 104.38%				
35) Dibromofluoromethane	5.298	113	75200	52.22	ug/l		0.00
Spiked Amount 50.000			Recovery = 104.44%				
50) Toluene-d8	7.906	98	263632	51.11	ug/l		0.00
Spiked Amount 50.000			Recovery = 102.22%				
62) 4-Bromofluorobenzene	10.639	95	100134	49.26	ug/l		0.00
Spiked Amount 50.000			Recovery = 98.52%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.388	85	33945	21.14	ug/l		100
3) Chloromethane	1.523	50	32002	19.51	ug/l		99
4) Vinyl Chloride	1.607	62	32515	20.71	ug/l		99
5) Bromomethane	1.861	94	19929	20.60	ug/l		99
6) Chloroethane	1.938	64	18947	20.95	ug/l		99
7) Trichlorofluoromethane	2.144	101	49600	20.59	ug/l		97
8) Diethyl Ether	2.382	74	16063	20.97	ug/l		99
9) 1,1,2-Trichlorotrifluo...	2.588	101	25520	20.29	ug/l		99
10) Methyl Iodide	2.729	142	34530	19.22	ug/l		99
11) Tert butyl alcohol	3.237	59	50323	116.64	ug/l	#	93
12) 1,1-Dichloroethene	2.585	96	24062	19.60	ug/l		99
13) Acrolein	2.494	56	23157	96.73	ug/l		99
14) Allyl chloride	2.932	41	55933	20.57	ug/l		99
15) Acrylonitrile	3.327	53	108620	104.25	ug/l		100
16) Acetone	2.642	43	124553	99.43	ug/l		98
17) Carbon Disulfide	2.800	76	72899	19.74	ug/l		99
18) Methyl Acetate	2.958	43	49753	21.87	ug/l		97
19) Methyl tert-butyl Ether	3.372	73	97178	20.91	ug/l		99
20) Methylene Chloride	3.054	84	29708	20.57	ug/l		98
21) trans-1,2-Dichloroethene	3.363	96	27240	20.70	ug/l		95
22) Diisopropyl ether	4.002	45	109218	21.15	ug/l		99
23) Vinyl Acetate	3.964	43	517261	105.44	ug/l		99
24) 1,1-Dichloroethane	3.880	63	54115	20.20	ug/l		99
25) 2-Butanone	4.716	43	175656	105.47	ug/l		98
26) 2,2-Dichloropropane	4.674	77	50139	20.62	ug/l		100
27) cis-1,2-Dichloroethene	4.674	96	31551	20.70	ug/l		98
28) Bromochloromethane	4.986	49	29243	21.12	ug/l		96
29) Tetrahydrofuran	5.064	42	109865	106.12	ug/l		99
30) Chloroform	5.099	83	55941	20.53	ug/l		99
31) Cyclohexane	5.398	56	52994	20.04	ug/l		95
32) 1,1,1-Trichloroethane	5.327	97	50382	20.31	ug/l		98
36) 1,1-Dichloropropene	5.536	75	40702	20.17	ug/l		100
37) Ethyl Acetate	4.813	43	64682	20.62	ug/l		96
38) Carbon Tetrachloride	5.533	117	43521	20.18	ug/l		100
39) Methylcyclohexane	6.771	83	45947	19.69	ug/l		97
40) Benzene	5.784	78	116909	20.62	ug/l		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.983	41	33484	20.72	ug/l		98
42) 1,2-Dichloroethane	5.803	62	50723	20.52	ug/l		99
43) Isopropyl Acetate	5.919	43	92739	20.12	ug/l		99
44) Trichloroethene	6.549	130	30441	20.15	ug/l		96
45) 1,2-Dichloropropane	6.800	63	32432	20.61	ug/l		97
46) Dibromomethane	6.925	93	22796	20.77	ug/l		99
47) Bromodichloromethane	7.115	83	44025	20.45	ug/l		99
48) Methyl methacrylate	6.967	41	47634	20.90	ug/l		98
49) 1,4-Dioxane	7.006	88	20616	470.84	ug/l	#	98
51) 4-Methyl-2-Pentanone	7.800	43	319310	102.35	ug/l		100
52) Toluene	7.977	92	70943	20.28	ug/l		98
53) t-1,3-Dichloropropene	8.218	75	48685	20.59	ug/l		100
54) cis-1,3-Dichloropropene	7.613	75	50341	20.03	ug/l		95
55) 1,1,2-Trichloroethane	8.407	97	29974	20.64	ug/l		99
56) Ethyl methacrylate	8.340	69	50567	20.31	ug/l		99
57) 1,3-Dichloropropane	8.584	76	53168	20.94	ug/l		100
58) 2-Chloroethyl Vinyl ether	7.472	63	81613	95.71	ug/l		99
59) 2-Hexanone	8.694	43	264872	106.27	ug/l		99
60) Dibromochloromethane	8.816	129	35178	20.76	ug/l		97
61) 1,2-Dibromoethane	8.932	107	34597	20.94	ug/l		97
64) Tetrachloroethene	8.562	164	28596	20.04	ug/l		94
65) Chlorobenzene	9.456	112	76715	20.24	ug/l		99
66) 1,1,1,2-Tetrachloroethane	9.542	131	31140	21.54	ug/l		98
67) Ethyl Benzene	9.578	91	139978	20.51	ug/l		99
68) m/p-Xylenes	9.700	106	104140	41.25	ug/l		99
69) o-Xylene	10.108	106	50360	20.39	ug/l		99
70) Styrene	10.121	104	84408	20.52	ug/l		99
71) Bromoform	10.298	173	28442	20.41	ug/l	#	97
73) Isopropylbenzene	10.491	105	136756	20.26	ug/l		100
74) N-amyl acetate	10.330	43	81328	21.10	ug/l		99
75) 1,1,2,2-Tetrachloroethane	10.790	83	53534	20.86	ug/l		99
76) 1,2,3-Trichloropropane	10.832	75	52159m	20.85	ug/l		
77) Bromobenzene	10.790	156	36560	20.24	ug/l		98
78) n-propylbenzene	10.912	91	158314	20.26	ug/l		99
79) 2-Chlorotoluene	10.993	91	95289	19.94	ug/l		99
80) 1,3,5-Trimethylbenzene	11.095	105	119073	20.54	ug/l		98
81) trans-1,4-Dichloro-2-b...	10.555	75	17213	18.70	ug/l		93
82) 4-Chlorotoluene	11.102	91	112394	20.21	ug/l		100
83) tert-Butylbenzene	11.427	119	116609	20.78	ug/l		99
84) 1,2,4-Trimethylbenzene	11.475	105	118721	20.46	ug/l		99
85) sec-Butylbenzene	11.652	105	136113	20.59	ug/l		100
86) p-Isopropyltoluene	11.800	119	123567	20.25	ug/l		100
87) 1,3-Dichlorobenzene	11.751	146	64211	20.58	ug/l		99
88) 1,4-Dichlorobenzene	11.845	146	63544	19.90	ug/l		98
89) n-Butylbenzene	12.214	91	106758	19.91	ug/l		100
90) Hexachloroethane	12.484	117	21405	19.78	ug/l		99
91) 1,2-Dichlorobenzene	12.221	146	64895	20.43	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	13.005	75	15093	21.45	ug/l		97
93) 1,2,4-Trichlorobenzene	13.848	180	42156	20.03	ug/l		98
94) Hexachlorobutadiene	14.031	225	22594	20.38	ug/l		98
95) Naphthalene	14.095	128	126705	20.08	ug/l		100
96) 1,2,3-Trichlorobenzene	14.340	180	41588	20.18	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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