Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041421\
Data File : VU043097.D
Acq On : 14 Apr 2021 16:17
Operator : SY/MD
Sample : VU0414WBSD01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0414WBSD01

Manual Integrations APPROVED
MMDadoda
4/15/2021 5:36:55 PM

Quant Time: Apr 15 02:06:22 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	5.382	168	131578	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.256	114	204201	50.00	ug/l		0.00
63) Chlorobenzene-d5	9.423	117	195520	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	104591	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	5.710	65	106523	48.16	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.32%				
35) Dibromofluoromethane	5.298	113	71756	46.76	ug/l		0.00
Spiked Amount 50.000			Recovery = 93.52%				
50) Toluene-d8	7.906	98	255293	47.02	ug/l		0.00
Spiked Amount 50.000			Recovery = 94.04%				
62) 4-Bromofluorobenzene	10.639	95	102323	47.06	ug/l		0.00
Spiked Amount 50.000			Recovery = 94.12%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.385	85	25014	18.43	ug/l		98
3) Chloromethane	1.523	50	28945	19.27	ug/l		97
4) Vinyl Chloride	1.607	62	26959	18.21	ug/l	#	87
5) Bromomethane	1.845	94	17321	21.47	ug/l		94
6) Chloroethane	1.929	64	17558	17.17	ug/l		98
7) Trichlorofluoromethane	2.138	101	44628	17.74	ug/l		96
8) Diethyl Ether	2.379	74	15049	18.68	ug/l		96
9) 1,1,2-Trichlorotrifluo...	2.584	101	24157	18.66	ug/l		97
10) Methyl Iodide	2.729	142	25513	14.96	ug/l		95
11) Tert butyl alcohol	3.186	59	50935	89.35	ug/l	#	78
12) 1,1-Dichloroethene	2.584	96	22895	18.59	ug/l		98
13) Acrolein	2.488	56	29659	90.40	ug/l		98
14) Allyl chloride	2.929	41	53105	17.77	ug/l		97
15) Acrylonitrile	3.318	53	107554	87.71	ug/l		99
16) Acetone	2.626	43	105903	81.15	ug/l		98
17) Carbon Disulfide	2.797	76	64141	16.93	ug/l		98
18) Methyl Acetate	2.951	43	50865	18.40	ug/l		96
19) Methyl tert-butyl Ether	3.369	73	93413	19.19	ug/l		97
20) Methylene Chloride	3.051	84	28133	17.91	ug/l		99
21) trans-1,2-Dichloroethene	3.359	96	25096	17.44	ug/l		98
22) Diisopropyl ether	3.999	45	107114	18.73	ug/l		92
23) Vinyl Acetate	3.961	43	505663	91.38	ug/l		99
24) 1,1-Dichloroethane	3.877	63	51985	17.98	ug/l		99
25) 2-Butanone	4.707	43	172601	85.90	ug/l		99
26) 2,2-Dichloropropane	4.674	77	44579	17.58	ug/l		98
27) cis-1,2-Dichloroethene	4.674	96	30580	18.68	ug/l		99
28) Bromochloromethane	4.980	49	26435	17.93	ug/l		99
29) Tetrahydrofuran	5.054	42	109513	86.55	ug/l		98
30) Chloroform	5.096	83	54052	17.65	ug/l		96
31) Cyclohexane	5.395	56	49293	18.07	ug/l		97
32) 1,1,1-Trichloroethane	5.324	97	47876	17.69	ug/l		98
36) 1,1-Dichloropropene	5.533	75	38669	17.85	ug/l		98
37) Ethyl Acetate	4.809	43	63620	17.17	ug/l		99
38) Carbon Tetrachloride	5.533	117	41103	17.70	ug/l		99
39) Methylcyclohexane	6.771	83	39997	16.79	ug/l		95
40) Benzene	5.784	78	113375	18.32	ug/l		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.977	41	34511	17.72	ug/l		98
42) 1,2-Dichloroethane	5.800	62	50924	18.55	ug/l		99
43) Isopropyl Acetate	5.919	43	95093	18.00	ug/l		98
44) Trichloroethene	6.549	130	29006	18.48	ug/l		99
45) 1,2-Dichloropropane	6.797	63	31056	18.01	ug/l		98
46) Dibromomethane	6.925	93	21903	17.96	ug/l		96
47) Bromodichloromethane	7.115	83	42654	17.72	ug/l		99
48) Methyl methacrylate	6.967	41	48564	18.31	ug/l		96
49) 1,4-Dioxane	6.967	88	17359	326.68	ug/l	#	99
51) 4-Methyl-2-Pentanone	7.796	43	340448	87.11	ug/l		98
52) Toluene	7.977	92	71214	18.56	ug/l		99
53) t-1,3-Dichloropropene	8.218	75	46375	17.35	ug/l		100
54) cis-1,3-Dichloropropene	7.613	75	48327	17.80	ug/l		94
55) 1,1,2-Trichloroethane	8.407	97	29269	17.78	ug/l		98
56) Ethyl methacrylate	8.340	69	48581	18.02	ug/l		95
57) 1,3-Dichloropropane	8.581	76	52302	18.39	ug/l		100
58) 2-Chloroethyl Vinyl ether	7.469	63	97972	92.16	ug/l		99
59) 2-Hexanone	8.690	43	274721	85.36	ug/l		99
60) Dibromochloromethane	8.816	129	32891	17.28	ug/l		97
61) 1,2-Dibromoethane	8.931	107	33595	18.09	ug/l		99
64) Tetrachloroethene	8.559	164	24731	17.43	ug/l		96
65) Chlorobenzene	9.452	112	74803	17.84	ug/l		99
66) 1,1,1,2-Tetrachloroethane	9.542	131	29185	18.21	ug/l		100
67) Ethyl Benzene	9.578	91	141746	18.73	ug/l		98
68) m/p-Xylenes	9.700	106	103066	36.81	ug/l		98
69) o-Xylene	10.108	106	49899	18.26	ug/l		97
70) Styrene	10.121	104	83059	18.05	ug/l		99
71) Bromoform	10.298	173	26968	16.33	ug/l	#	99
73) Isopropylbenzene	10.491	105	136465	19.44	ug/l		100
74) N-amyl acetate	10.327	43	82655	18.33	ug/l		97
75) 1,1,2,2-Tetrachloroethane	10.790	83	54802	17.93	ug/l		98
76) 1,2,3-Trichloropropane	10.832	75	56116m	18.36	ug/l		
77) Bromobenzene	10.790	156	35784	18.30	ug/l		96
78) n-propylbenzene	10.912	91	159407	18.97	ug/l		98
79) 2-Chlorotoluene	10.993	91	96612	18.92	ug/l		99
80) 1,3,5-Trimethylbenzene	11.095	105	117783	19.01	ug/l		98
81) trans-1,4-Dichloro-2-b...	10.552	75	16925	16.27	ug/l		94
82) 4-Chlorotoluene	11.102	91	113545	18.50	ug/l		99
83) tert-Butylbenzene	11.427	119	114385	18.78	ug/l		98
84) 1,2,4-Trimethylbenzene	11.475	105	118337	18.59	ug/l		99
85) sec-Butylbenzene	11.652	105	128786	18.04	ug/l		99
86) p-Isopropyltoluene	11.800	119	119070	18.12	ug/l		99
87) 1,3-Dichlorobenzene	11.751	146	61954	17.48	ug/l		98
88) 1,4-Dichlorobenzene	11.845	146	63624	17.21	ug/l		99
89) n-Butylbenzene	12.214	91	104491	16.97	ug/l		99
90) Hexachloroethane	12.481	117	20086	16.30	ug/l		96
91) 1,2-Dichlorobenzene	12.221	146	64824	17.89	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	13.005	75	15071	17.42	ug/l		92
93) 1,2,4-Trichlorobenzene	13.848	180	37324	16.62	ug/l		95
94) Hexachlorobutadiene	14.031	225	20203	16.49	ug/l		99
95) Naphthalene	14.095	128	127829	18.71	ug/l		99
96) 1,2,3-Trichlorobenzene	14.340	180	38605	17.60	ug/l		98

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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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