Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041321\
Data File : VU043069.D
Acq On : 13 Apr 2021 22:43
Operator : SY/MD
Sample : VU0413WBS02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0413WBS02

Manual Integrations APPROVED
MMDadoda
4/14/2021 9:54:46 AM

Quant Time: Apr 14 03:56:38 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	116661	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.256	114	185183	50.00	ug/l		0.00
63) Chlorobenzene-d5	9.423	117	176504	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	94826	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	5.710	65	95449	48.67	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.34%				
35) Dibromofluoromethane	5.295	113	65954	47.40	ug/l		0.00
Spiked Amount 50.000			Recovery = 94.80%				
50) Toluene-d8	7.906	98	233631	47.45	ug/l		0.00
Spiked Amount 50.000			Recovery = 94.90%				
62) 4-Bromofluorobenzene	10.639	95	88421	44.84	ug/l		0.00
Spiked Amount 50.000			Recovery = 89.68%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.385	85	21681	18.01	ug/l		97
3) Chloromethane	1.523	50	24269	18.15	ug/l		98
4) Vinyl Chloride	1.607	62	24000	18.29	ug/l		92
5) Bromomethane	1.848	94	15530	21.71	ug/l		95
6) Chloroethane	1.932	64	15935	17.57	ug/l		93
7) Trichlorofluoromethane	2.141	101	41350	18.54	ug/l		99
8) Diethyl Ether	2.382	74	13987	19.59	ug/l		98
9) 1,1,2-Trichlorotrifluo...	2.584	101	21047	18.34	ug/l		95
10) Methyl Iodide	2.729	142	20391	13.48	ug/l		97
11) Tert butyl alcohol	3.192	59	47998	94.96	ug/l	#	78
12) 1,1-Dichloroethene	2.584	96	19925	18.24	ug/l		97
13) Acrolein	2.488	56	23077	80.61	ug/l		99
14) Allyl chloride	2.928	41	47401	17.89	ug/l		97
15) Acrylonitrile	3.317	53	98089	90.22	ug/l		99
16) Acetone	2.629	43	98940	85.52	ug/l		99
17) Carbon Disulfide	2.800	76	58408	17.39	ug/l		97
18) Methyl Acetate	2.954	43	46417	18.93	ug/l		98
19) Methyl tert-butyl Ether	3.369	73	81855	18.97	ug/l		100
20) Methylene Chloride	3.051	84	25510	18.31	ug/l		94
21) trans-1,2-Dichloroethene	3.359	96	22775	17.85	ug/l		97
22) Diisopropyl ether	3.999	45	92992	18.34	ug/l		95
23) Vinyl Acetate	3.964	43	458137	93.38	ug/l		99
24) 1,1-Dichloroethane	3.877	63	47425	18.50	ug/l		99
25) 2-Butanone	4.710	43	160901	90.31	ug/l		100
26) 2,2-Dichloropropane	4.671	77	36391	16.18	ug/l		98
27) cis-1,2-Dichloroethene	4.674	96	27111	18.68	ug/l		99
28) Bromochloromethane	4.983	49	23122	17.69	ug/l		99
29) Tetrahydrofuran	5.057	42	101339	90.34	ug/l		98
30) Chloroform	5.099	83	47948	17.66	ug/l		95
31) Cyclohexane	5.394	56	44653	18.46	ug/l		96
32) 1,1,1-Trichloroethane	5.324	97	42711	17.80	ug/l		97
36) 1,1-Dichloropropene	5.533	75	34497	17.56	ug/l		99
37) Ethyl Acetate	4.809	43	60000	17.86	ug/l		98
38) Carbon Tetrachloride	5.533	117	37278	17.70	ug/l		97
39) Methylcyclohexane	6.771	83	36962	17.11	ug/l		99
40) Benzene	5.784	78	101205	18.03	ug/l		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.980	41	30770	17.42	ug/l		97
42) 1,2-Dichloroethane	5.803	62	44980	18.06	ug/l		99
43) Isopropyl Acetate	5.919	43	86106	17.97	ug/l		98
44) Trichloroethene	6.549	130	25561	17.95	ug/l		94
45) 1,2-Dichloropropane	6.796	63	28461	18.20	ug/l		99
46) Dibromomethane	6.925	93	19877	17.97	ug/l		96
47) Bromodichloromethane	7.111	83	39593	18.13	ug/l		98
48) Methyl methacrylate	6.967	41	43461	18.07	ug/l		98
49) 1,4-Dioxane	6.976	88	18148	376.60	ug/l	#	99
51) 4-Methyl-2-Pentanone	7.796	43	307892	86.87	ug/l		99
52) Toluene	7.976	92	62566	17.98	ug/l		95
53) t-1,3-Dichloropropene	8.218	75	41733	17.21	ug/l		100
54) cis-1,3-Dichloropropene	7.613	75	42644	17.32	ug/l		92
55) 1,1,2-Trichloroethane	8.407	97	26628	17.84	ug/l		97
56) Ethyl methacrylate	8.340	69	44284	18.11	ug/l		97
57) 1,3-Dichloropropane	8.581	76	45827	17.77	ug/l		99
58) 2-Chloroethyl Vinyl ether	7.468	63	89081	92.38	ug/l		99
59) 2-Hexanone	8.690	43	253452	86.84	ug/l		98
60) Dibromochloromethane	8.816	129	30147	17.46	ug/l		98
61) 1,2-Dibromoethane	8.931	107	30553	18.14	ug/l		98
64) Tetrachloroethene	8.558	164	22668	17.70	ug/l		98
65) Chlorobenzene	9.452	112	67246	17.77	ug/l		96
66) 1,1,1,2-Tetrachloroethane	9.539	131	25877	17.88	ug/l		98
67) Ethyl Benzene	9.578	91	125760	18.41	ug/l		100
68) m/p-Xylenes	9.700	106	91811	36.33	ug/l		99
69) o-Xylene	10.108	106	44030	17.85	ug/l		94
70) Styrene	10.121	104	74805	18.01	ug/l		99
71) Bromoform	10.298	173	24304	16.30	ug/l	#	98
73) Isopropylbenzene	10.491	105	123949	19.48	ug/l		99
74) N-amyl acetate	10.327	43	77036	18.84	ug/l		98
75) 1,1,2,2-Tetrachloroethane	10.790	83	51743	18.67	ug/l		99
76) 1,2,3-Trichloropropane	10.832	75	51543m	18.60	ug/l		
77) Bromobenzene	10.790	156	31902	17.99	ug/l		99
78) n-propylbenzene	10.912	91	142940	18.76	ug/l		100
79) 2-Chlorotoluene	10.992	91	88196	19.05	ug/l		100
80) 1,3,5-Trimethylbenzene	11.095	105	106997	19.04	ug/l		97
81) trans-1,4-Dichloro-2-b...	10.555	75	15476	16.41	ug/l		94
82) 4-Chlorotoluene	11.102	91	101917	18.32	ug/l		99
83) tert-Butylbenzene	11.426	119	104325	18.89	ug/l		99
84) 1,2,4-Trimethylbenzene	11.475	105	105615	18.30	ug/l		100
85) sec-Butylbenzene	11.651	105	121360	18.75	ug/l		98
86) p-Isopropyltoluene	11.799	119	109869	18.44	ug/l		100
87) 1,3-Dichlorobenzene	11.751	146	58252	18.12	ug/l		99
88) 1,4-Dichlorobenzene	11.844	146	57737	17.22	ug/l		99
89) n-Butylbenzene	12.214	91	98711	17.69	ug/l		98
90) Hexachloroethane	12.481	117	19495	17.45	ug/l		100
91) 1,2-Dichlorobenzene	12.217	146	59684	18.17	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	13.005	75	14964	19.07	ug/l		95
93) 1,2,4-Trichlorobenzene	13.848	180	38562	18.73	ug/l		97
94) Hexachlorobutadiene	14.028	225	20016	18.07	ug/l		99
95) Naphthalene	14.095	128	119781	19.25	ug/l		99
96) 1,2,3-Trichlorobenzene	14.339	180	38195	19.07	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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