Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021121\
Data File : VN065818.D
Acq On : 11 Feb 2021 16:27
Operator : JC/MD
Sample : VN0211WBS01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0211WBS01

Manual Integrations APPROVED
SAM
2/12/2021 2:59:27 PM

Quant Time: Feb 12 01:28:51 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
Quant Title : SW846 8260
QLast Update : Mon Jan 25 13:47:28 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.624	168	158900	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	283861	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	252572	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.312	152	106733	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.984	65	93257	44.61	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 89.22%			
35) Dibromofluoromethane	7.547	113	82297	48.92	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 97.84%			
50) Toluene-d8	10.055	98	324468	49.07	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 98.14%			
62) 4-Bromofluorobenzene	12.373	95	117860	49.50	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 99.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.833	85	36000	20.23	ug/l	99
3) Chloromethane	2.039	50	48718	18.63	ug/l	99
4) Vinyl Chloride	2.164	62	52730	19.91	ug/l	97
5) Bromomethane	2.525	94	33136	21.61	ug/l	93
6) Chloroethane	2.673	64	31233	20.38	ug/l	98
7) Trichlorofluoromethane	2.988	101	59248	21.40	ug/l	100
8) Diethyl Ether	3.377	74	27514	20.84	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.711	101	37408	22.26	ug/l	97
10) Methyl Iodide	3.901	142	53907	21.89	ug/l	95
11) Tert butyl alcohol	4.766	59	35478	90.60	ug/l	100
12) 1,1-Dichloroethene	3.692	96	40082	20.72	ug/l	97
13) Acrolein	3.566	56	29354	98.55	ug/l	96
14) Allyl chloride	4.271	41	66645	18.58	ug/l	92
15) Acrylonitrile	4.936	53	103499	101.46	ug/l	99
16) Acetone	3.782	43	72887	89.56	ug/l	95
17) Carbon Disulfide	4.000	76	110699	18.18	ug/l	98
18) Methyl Acetate	4.283	43	44201	19.38	ug/l	100
19) Methyl tert-butyl Ether	4.997	73	132794	20.57	ug/l	97
20) Methylene Chloride	4.496	84	46805	20.77	ug/l	97
21) trans-1,2-Dichloroethene	4.981	96	42898	20.87	ug/l	95
22) Diisopropyl ether	5.907	45	143911	19.63	ug/l	98
23) Vinyl Acetate	5.846	43	546777	93.38	ug/l	99
24) 1,1-Dichloroethane	5.795	63	81444	20.85	ug/l	99
25) 2-Butanone	6.795	43	126077	98.80	ug/l	98
26) 2,2-Dichloropropane	6.775	77	59290	18.96	ug/l	98
27) cis-1,2-Dichloroethene	6.778	96	50704	21.52	ug/l	98
28) Bromochloromethane	7.148	49	34023	20.72	ug/l	92
29) Tetrahydrofuran	7.174	42	86868	93.86	ug/l	99
30) Chloroform	7.325	83	75384	20.95	ug/l	96
31) Cyclohexane	7.608	56	77778	19.78	ug/l	98
32) 1,1,1-Trichloroethane	7.524	97	60901	20.79	ug/l	99
36) 1,1-Dichloropropene	7.749	75	61159	21.41	ug/l	98
37) Ethyl Acetate	6.888	43	54670	19.95	ug/l	97
38) Carbon Tetrachloride	7.727	117	49180	20.91	ug/l	99
39) Methylcyclohexane	9.042	83	74185	21.29	ug/l	98
40) Benzene	8.000	78	191464	21.95	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.126	41	26040	17.70	ug/l	#	100
42) 1,2-Dichloroethane	8.084	62	56742	21.58	ug/l		97
43) Isopropyl Acetate	8.129	43	90364	18.60	ug/l		95
44) Trichloroethene	8.798	130	48008	22.68	ug/l		94
45) 1,2-Dichloropropane	9.084	63	51818	21.59	ug/l		99
46) Dibromomethane	9.171	93	30202	22.78	ug/l		91
47) Bromodichloromethane	9.367	83	56454	19.85	ug/l		97
48) Methyl methacrylate	9.164	41	44856	19.46	ug/l	#	94
49) 1,4-Dioxane	9.167	88	16697	447.61	ug/l		93
51) 4-Methyl-2-Pentanone	9.952	43	272294	101.65	ug/l		96
52) Toluene	10.122	92	120367	23.29	ug/l		97
53) t-1,3-Dichloropropene	10.351	75	65455	19.76	ug/l		97
54) cis-1,3-Dichloropropene	9.804	75	76979	20.86	ug/l		94
55) 1,1,2-Trichloroethane	10.531	97	46394	23.54	ug/l		98
56) Ethyl methacrylate	10.399	69	72969	22.39	ug/l	#	90
57) 1,3-Dichloropropane	10.675	76	79283	22.86	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.659	63	120308	79.92	ug/l		97
59) 2-Hexanone	10.720	43	192379	103.44	ug/l		94
60) Dibromochloromethane	10.872	129	39235	19.48	ug/l		99
61) 1,2-Dibromoethane	10.974	107	44965	22.89	ug/l		99
64) Tetrachloroethene	10.598	164	45621	21.55	ug/l		97
65) Chlorobenzene	11.402	112	122402	23.16	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.476	131	39205	20.99	ug/l		99
67) Ethyl Benzene	11.479	91	226902	22.86	ug/l		100
68) m/p-Xylenes	11.589	106	177885	49.50	ug/l		95
69) o-Xylene	11.917	106	83455	23.97	ug/l		96
70) Styrene	11.933	104	134939	23.54	ug/l		98
71) Bromoform	12.097	173	21636	16.76	ug/l	#	99
73) Isopropylbenzene	12.219	105	213657	22.86	ug/l		96
74) N-amyl acetate	12.042	43	75077	18.99	ug/l		94
75) 1,1,2,2-Tetrachloroethane	12.473	83	65013	23.55	ug/l		95
76) 1,2,3-Trichloropropane	12.521	75	57794m	20.71	ug/l		
77) Bromobenzene	12.492	156	56098	27.72	ug/l		85
78) n-propylbenzene	12.560	91	237268	21.54	ug/l		99
79) 2-Chlorotoluene	12.643	91	147867	22.61	ug/l		94
80) 1,3,5-Trimethylbenzene	12.701	105	181331	22.79	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.270	75	17169	15.76	ug/l		98
82) 4-Chlorotoluene	12.743	91	140410	21.03	ug/l		97
83) tert-Butylbenzene	12.961	119	146716	22.11	ug/l		97
84) 1,2,4-Trimethylbenzene	13.010	105	179378	22.60	ug/l		99
85) sec-Butylbenzene	13.142	105	195638	21.84	ug/l		98
86) p-Isopropyltoluene	13.257	119	186737	23.61	ug/l		97
87) 1,3-Dichlorobenzene	13.254	146	85773	23.78	ug/l		97
88) 1,4-Dichlorobenzene	13.331	146	87088	23.79	ug/l		96
89) n-Butylbenzene	13.585	91	153300	21.58	ug/l		99
90) Hexachloroethane	13.842	117	29685	21.45	ug/l		79
91) 1,2-Dichlorobenzene	13.624	146	79995	22.35	ug/l		94
92) 1,2-Dibromo-3-Chloropr...	14.238	75	12038	21.98	ug/l		75
93) 1,2,4-Trichlorobenzene	14.878	180	42491	21.64	ug/l		99
94) Hexachlorobutadiene	14.977	225	17848	20.30	ug/l		97
95) Naphthalene	15.100	128	156259	24.49	ug/l	#	92
96) 1,2,3-Trichlorobenzene	15.277	180	45338	22.86	ug/l		97

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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