Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021221\
Data File : VN065841.D
Acq On : 12 Feb 2021 16:19
Operator : JC/MD
Sample : VN0212WBSD03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0212WBSD03

Manual Integrations APPROVED
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2/15/2021 1:31:59 PM

Quant Time: Feb 13 00:49:24 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	165236	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	285147	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	253612	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.312	152	110156	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	96495	44.39	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 88.78%			
35) Dibromofluoromethane	7.547	113	85340	50.50	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 101.00%			
50) Toluene-d8	10.055	98	325925	49.07	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 98.14%			
62) 4-Bromofluorobenzene	12.373	95	121123	50.64	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 101.28%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.836	85	40369	21.81	ug/l	100
3) Chloromethane	2.039	50	56435	20.75	ug/l	98
4) Vinyl Chloride	2.168	62	58629	21.29	ug/l	99
5) Bromomethane	2.537	94	36923	23.16	ug/l	95
6) Chloroethane	2.679	64	33359	20.94	ug/l	97
7) Trichlorofluoromethane	2.991	101	61348	21.31	ug/l	100
8) Diethyl Ether	3.377	74	29215	21.28	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.711	101	38874	22.25	ug/l	99
10) Methyl Iodide	3.904	142	57611	22.49	ug/l	95
11) Tert butyl alcohol	4.766	59	33294	81.77	ug/l	98
12) 1,1-Dichloroethene	3.692	96	40593	20.18	ug/l	98
13) Acrolein	3.566	56	23741	80.67	ug/l	97
14) Allyl chloride	4.270	41	68432	18.35	ug/l	91
15) Acrylonitrile	4.936	53	104680	98.68	ug/l	99
16) Acetone	3.779	43	73746	87.14	ug/l	92
17) Carbon Disulfide	3.997	76	115277	18.20	ug/l	98
18) Methyl Acetate	4.283	43	45627	19.24	ug/l	99
19) Methyl tert-butyl Ether	5.000	73	134877	20.09	ug/l	98
20) Methylene Chloride	4.496	84	48802	20.83	ug/l	98
21) trans-1,2-Dichloroethene	4.981	96	43185	20.20	ug/l	93
22) Diisopropyl ether	5.907	45	143567	18.83	ug/l	97
23) Vinyl Acetate	5.846	43	559651	91.91	ug/l	100
24) 1,1-Dichloroethane	5.795	63	82474	20.30	ug/l	99
25) 2-Butanone	6.794	43	121561	91.61	ug/l	100
26) 2,2-Dichloropropane	6.772	77	58845	18.10	ug/l	97
27) cis-1,2-Dichloroethene	6.782	96	50672	20.69	ug/l	96
28) Bromochloromethane	7.148	49	28951	16.96	ug/l	92
29) Tetrahydrofuran	7.174	42	85434	88.77	ug/l	98
30) Chloroform	7.328	83	76528	20.45	ug/l	96
31) Cyclohexane	7.608	56	76972	18.83	ug/l	98
32) 1,1,1-Trichloroethane	7.524	97	59641	19.58	ug/l	99
36) 1,1-Dichloropropene	7.749	75	61638	21.48	ug/l	98
37) Ethyl Acetate	6.888	43	56709	20.60	ug/l	97
38) Carbon Tetrachloride	7.730	117	49356	20.89	ug/l	96
39) Methylcyclohexane	9.042	83	72345	20.66	ug/l	97
40) Benzene	8.000	78	189783	21.66	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.126	41	25869	17.50	ug/l	#	100
42) 1,2-Dichloroethane	8.084	62	57727	21.85	ug/l		98
43) Isopropyl Acetate	8.129	43	90983	18.64	ug/l		93
44) Trichloroethene	8.798	130	46594	21.92	ug/l		97
45) 1,2-Dichloropropane	9.081	63	51584	21.39	ug/l		100
46) Dibromomethane	9.171	93	29509	22.16	ug/l		94
47) Bromodichloromethane	9.367	83	57109	19.99	ug/l		96
48) Methyl methacrylate	9.164	41	44279	19.12	ug/l	#	93
49) 1,4-Dioxane	9.167	88	15520	414.18	ug/l		95
51) 4-Methyl-2-Pentanone	9.952	43	263844	98.05	ug/l		96
52) Toluene	10.122	92	115466	22.24	ug/l		100
53) t-1,3-Dichloropropene	10.351	75	65350	19.64	ug/l		98
54) cis-1,3-Dichloropropene	9.807	75	76414	20.62	ug/l		94
55) 1,1,2-Trichloroethane	10.531	97	44799	22.63	ug/l		98
56) Ethyl methacrylate	10.399	69	69321	21.17	ug/l	#	92
57) 1,3-Dichloropropane	10.675	76	78441	22.51	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.659	63	127926	84.60	ug/l		96
59) 2-Hexanone	10.720	43	183455	98.20	ug/l		95
60) Dibromochloromethane	10.871	129	41913	20.71	ug/l		100
61) 1,2-Dibromoethane	10.974	107	45291	22.95	ug/l		98
64) Tetrachloroethene	10.598	164	45374	21.35	ug/l		96
65) Chlorobenzene	11.402	112	121664	22.93	ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.479	131	40018	21.34	ug/l		97
67) Ethyl Benzene	11.479	91	215807	21.65	ug/l		98
68) m/p-Xylenes	11.592	106	163199	45.23	ug/l		99
69) o-Xylene	11.916	106	77760	22.24	ug/l		99
70) Styrene	11.933	104	129280	22.46	ug/l		100
71) Bromoform	12.097	173	25558	19.71	ug/l	#	99
73) Isopropylbenzene	12.219	105	204154	21.17	ug/l		99
74) N-amyl acetate	12.042	43	73972	18.13	ug/l		95
75) 1,1,2,2-Tetrachloroethane	12.473	83	61066	21.44	ug/l		99
76) 1,2,3-Trichloropropane	12.524	75	58041m	20.15	ug/l		
77) Bromobenzene	12.495	156	47089	22.55	ug/l		87
78) n-propylbenzene	12.560	91	231804	20.39	ug/l		98
79) 2-Chlorotoluene	12.643	91	140451	20.80	ug/l		97
80) 1,3,5-Trimethylbenzene	12.704	105	169740	20.67	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.270	75	18357	16.32	ug/l		96
82) 4-Chlorotoluene	12.743	91	141283	20.50	ug/l		97
83) tert-Butylbenzene	12.965	119	139409	20.36	ug/l		98
84) 1,2,4-Trimethylbenzene	13.010	105	172672	21.08	ug/l		100
85) sec-Butylbenzene	13.141	105	185200	20.03	ug/l		98
86) p-Isopropyltoluene	13.260	119	166087	20.35	ug/l		98
87) 1,3-Dichlorobenzene	13.254	146	82558	22.18	ug/l		97
88) 1,4-Dichlorobenzene	13.334	146	80236	21.24	ug/l		96
89) n-Butylbenzene	13.585	91	139504	19.02	ug/l		99
90) Hexachloroethane	13.842	117	24669	17.27	ug/l		94
91) 1,2-Dichlorobenzene	13.624	146	81531	22.08	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.241	75	10084	17.84	ug/l		93
93) 1,2,4-Trichlorobenzene	14.878	180	41432	20.63	ug/l		100
94) Hexachlorobutadiene	14.977	225	18707	20.61	ug/l		98
95) Naphthalene	15.100	128	137486	21.39	ug/l		100
96) 1,2,3-Trichlorobenzene	15.280	180	42246	20.92	ug/l		99

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

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