Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021121\
Data File : VN065820.D
Acq On : 11 Feb 2021 17:43
Operator : JC/MD
Sample : VN0211WBSD02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0211WBSD02

Manual Integrations APPROVED
SAM
2/12/2021 2:59:48 PM

Quant Time: Feb 12 01:30:10 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	7.618	168	157812	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.544	114	277901	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	245982	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.312	152	108177	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.984	65	92546	44.58	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 89.16%			
35) Dibromofluoromethane	7.544	113	82579	50.14	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.28%			
50) Toluene-d8	10.055	98	316560	48.90	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 97.80%			
62) 4-Bromofluorobenzene	12.370	95	120516	51.70	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 103.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.836	85	39630	22.42	ug/l	100
3) Chloromethane	2.039	50	54803	21.10	ug/l	98
4) Vinyl Chloride	2.164	62	55903	21.25	ug/l	98
5) Bromomethane	2.528	94	35245	23.15	ug/l	98
6) Chloroethane	2.672	64	32723	21.50	ug/l	99
7) Trichlorofluoromethane	2.988	101	60155	21.87	ug/l	96
8) Diethyl Ether	3.373	74	28848	22.00	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.711	101	38461	23.05	ug/l	97
10) Methyl Iodide	3.897	142	52658	21.53	ug/l	96
11) Tert butyl alcohol	4.756	59	36304	93.35	ug/l	99
12) 1,1-Dichloroethene	3.688	96	39821	20.73	ug/l	99
13) Acrolein	3.566	56	29906	100.63	ug/l	97
14) Allyl chloride	4.264	41	68941	19.36	ug/l	91
15) Acrylonitrile	4.933	53	103806	102.46	ug/l	100
16) Acetone	3.775	43	79122	97.89	ug/l	95
17) Carbon Disulfide	3.994	76	112207	18.55	ug/l	97
18) Methyl Acetate	4.280	43	46071	20.34	ug/l	99
19) Methyl tert-butyl Ether	4.994	73	134122	20.91	ug/l	98
20) Methylene Chloride	4.492	84	48706	21.76	ug/l	98
21) trans-1,2-Dichloroethene	4.978	96	42898	21.01	ug/l	90
22) Diisopropyl ether	5.904	45	143358	19.69	ug/l	98
23) Vinyl Acetate	5.843	43	558821	96.10	ug/l	100
24) 1,1-Dichloroethane	5.788	63	80897	20.85	ug/l	99
25) 2-Butanone	6.791	43	127100	100.29	ug/l	100
26) 2,2-Dichloropropane	6.769	77	59488	19.15	ug/l	99
27) cis-1,2-Dichloroethene	6.775	96	49648	21.22	ug/l	95
28) Bromochloromethane	7.145	49	34054	20.88	ug/l	91
29) Tetrahydrofuran	7.171	42	84695	92.14	ug/l	99
30) Chloroform	7.325	83	75412	21.10	ug/l	100
31) Cyclohexane	7.605	56	76265	19.53	ug/l	98
32) 1,1,1-Trichloroethane	7.521	97	58496	20.10	ug/l	99
36) 1,1-Dichloropropene	7.746	75	59554	21.30	ug/l	98
37) Ethyl Acetate	6.884	43	54034	20.14	ug/l	95
38) Carbon Tetrachloride	7.727	117	47553	20.66	ug/l	99
39) Methylcyclohexane	9.039	83	71992	21.10	ug/l	99
40) Benzene	7.997	78	188988	22.13	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.122	41	24253	16.84	ug/l	#	100
42) 1,2-Dichloroethane	8.081	62	56832	22.07	ug/l		98
43) Isopropyl Acetate	8.126	43	89982	18.91	ug/l		93
44) Trichloroethene	8.794	130	46990	22.68	ug/l		99
45) 1,2-Dichloropropane	9.081	63	51378	21.86	ug/l		96
46) Dibromomethane	9.171	93	29563	22.78	ug/l		95
47) Bromodichloromethane	9.367	83	55705	20.00	ug/l		99
48) Methyl methacrylate	9.164	41	42352	18.77	ug/l		92
49) 1,4-Dioxane	9.167	88	16883	462.30	ug/l		95
51) 4-Methyl-2-Pentanone	9.949	43	266649	101.67	ug/l		97
52) Toluene	10.119	92	114892	22.71	ug/l		99
53) t-1,3-Dichloropropene	10.347	75	65648	20.24	ug/l		98
54) cis-1,3-Dichloropropene	9.804	75	76115	21.07	ug/l		93
55) 1,1,2-Trichloroethane	10.527	97	45184	23.42	ug/l		97
56) Ethyl methacrylate	10.396	69	70370	22.06	ug/l	#	90
57) 1,3-Dichloropropane	10.672	76	79777	23.49	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.659	63	123705	83.94	ug/l		96
59) 2-Hexanone	10.720	43	184541	101.35	ug/l		95
60) Dibromochloromethane	10.868	129	40707	20.64	ug/l		99
61) 1,2-Dibromoethane	10.974	107	44932	23.36	ug/l		99
64) Tetrachloroethene	10.598	164	44984	21.82	ug/l		97
65) Chlorobenzene	11.402	112	121251	23.56	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.476	131	39898	21.93	ug/l		98
67) Ethyl Benzene	11.479	91	216810	22.43	ug/l		99
68) m/p-Xylenes	11.588	106	165142	47.19	ug/l		99
69) o-Xylene	11.916	106	79573	23.46	ug/l		99
70) Styrene	11.933	104	130409	23.36	ug/l		100
71) Bromoform	12.096	173	25028	19.90	ug/l	#	100
73) Isopropylbenzene	12.219	105	207627	21.92	ug/l		99
74) N-amyl acetate	12.039	43	75085	18.74	ug/l		96
75) 1,1,2,2-Tetrachloroethane	12.473	83	60788	21.73	ug/l		99
76) 1,2,3-Trichloropropane	12.524	75	56730m	20.06	ug/l		
77) Bromobenzene	12.495	156	45968	22.41	ug/l		82
78) n-propylbenzene	12.560	91	235231	21.07	ug/l		98
79) 2-Chlorotoluene	12.643	91	142099	21.43	ug/l		96
80) 1,3,5-Trimethylbenzene	12.701	105	176204	21.85	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.270	75	18724	16.95	ug/l		97
82) 4-Chlorotoluene	12.743	91	141473	20.90	ug/l		98
83) tert-Butylbenzene	12.961	119	144886	21.54	ug/l		95
84) 1,2,4-Trimethylbenzene	13.010	105	174666	21.72	ug/l		99
85) sec-Butylbenzene	13.141	105	189787	20.90	ug/l		98
86) p-Isopropyltoluene	13.257	119	170039	21.21	ug/l		98
87) 1,3-Dichlorobenzene	13.251	146	81816	22.38	ug/l		97
88) 1,4-Dichlorobenzene	13.334	146	81079	21.85	ug/l		97
89) n-Butylbenzene	13.585	91	145697	20.23	ug/l		98
90) Hexachloroethane	13.842	117	26080	18.59	ug/l		91
91) 1,2-Dichlorobenzene	13.624	146	81572	22.49	ug/l		96
92) 1,2-Dibromo-3-Chloropr...	14.238	75	10496	18.91	ug/l		87
93) 1,2,4-Trichlorobenzene	14.878	180	39884	20.29	ug/l		99
94) Hexachlorobutadiene	14.977	225	18757	21.04	ug/l		99
95) Naphthalene	15.100	128	128592	20.53	ug/l		99
96) 1,2,3-Trichlorobenzene	15.280	180	40735	20.59	ug/l		99

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

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