Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021121\
Data File : VN065819.D
Acq On : 11 Feb 2021 17:08
Operator : JC/MD
Sample : VN0211WBS02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Feb 12 01:29:30 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

Instrument :
MSVOA_N
ClientSampleId :
VN0211WBS02

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.621	168	166880	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	289765	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	260513	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.312	152	116347	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.984	65	98041	44.66	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 89.32%			
35) Dibromofluoromethane	7.547	113	86566	50.41	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.82%			
50) Toluene-d8	10.055	98	330465	48.96	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 97.92%			
62) 4-Bromofluorobenzene	12.373	95	126332	51.98	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 103.96%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.836	85	39185	20.96	ug/l	95
3) Chloromethane	2.039	50	53885	19.62	ug/l	98
4) Vinyl Chloride	2.168	62	54643	19.64	ug/l	99
5) Bromomethane	2.544	94	34901	21.68	ug/l	97
6) Chloroethane	2.679	64	32897	20.44	ug/l	99
7) Trichlorofluoromethane	2.991	101	59377	20.42	ug/l	100
8) Diethyl Ether	3.377	74	28776	20.76	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.711	101	39046	22.13	ug/l	96
10) Methyl Iodide	3.901	142	57345	22.17	ug/l	96
11) Tert butyl alcohol	4.756	59	36714	89.28	ug/l #	86
12) 1,1-Dichloroethene	3.692	96	40597	19.98	ug/l	99
13) Acrolein	3.566	56	27113	88.86	ug/l	95
14) Allyl chloride	4.267	41	68315	18.14	ug/l	90
15) Acrylonitrile	4.936	53	102418	95.60	ug/l	98
16) Acetone	3.778	43	94436	110.49	ug/l	93
17) Carbon Disulfide	3.997	76	114488	17.90	ug/l	99
18) Methyl Acetate	4.283	43	44470	18.57	ug/l	100
19) Methyl tert-butyl Ether	4.994	73	134412	19.82	ug/l	99
20) Methylene Chloride	4.495	84	48353	20.43	ug/l	96
21) trans-1,2-Dichloroethene	4.978	96	43737	20.26	ug/l	95
22) Diisopropyl ether	5.904	45	144221	18.73	ug/l	96
23) Vinyl Acetate	5.843	43	552219	89.80	ug/l	100
24) 1,1-Dichloroethane	5.791	63	82482	20.10	ug/l	98
25) 2-Butanone	6.791	43	132582	98.93	ug/l	99
26) 2,2-Dichloropropane	6.765	77	59271	18.05	ug/l	98
27) cis-1,2-Dichloroethene	6.778	96	51388	20.77	ug/l	96
28) Bromochloromethane	7.145	49	34899	20.24	ug/l	92
29) Tetrahydrofuran	7.171	42	84471	86.90	ug/l	98
30) Chloroform	7.325	83	75680	20.02	ug/l	97
31) Cyclohexane	7.608	56	78977	19.13	ug/l	97
32) 1,1,1-Trichloroethane	7.521	97	60015	19.51	ug/l	100
36) 1,1-Dichloropropene	7.746	75	61759	21.18	ug/l	98
37) Ethyl Acetate	6.884	43	54924	19.63	ug/l	99
38) Carbon Tetrachloride	7.727	117	48622	20.26	ug/l	98
39) Methylcyclohexane	9.042	83	74122	20.83	ug/l	97
40) Benzene	7.997	78	191228	21.47	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.119	41	25206	16.78	ug/l	#	100
42) 1,2-Dichloroethane	8.084	62	57316	21.35	ug/l		98
43) Isopropyl Acetate	8.126	43	90594	18.26	ug/l		93
44) Trichloroethene	8.798	130	47687	22.07	ug/l		98
45) 1,2-Dichloropropane	9.080	63	51231	20.91	ug/l		98
46) Dibromomethane	9.171	93	29355	21.69	ug/l		94
47) Bromodichloromethane	9.363	83	56234	19.37	ug/l		99
48) Methyl methacrylate	9.164	41	42617	18.11	ug/l		95
49) 1,4-Dioxane	9.164	88	15601	409.71	ug/l		93
51) 4-Methyl-2-Pentanone	9.949	43	264519	96.73	ug/l		95
52) Toluene	10.119	92	117581	22.29	ug/l		96
53) t-1,3-Dichloropropene	10.347	75	65741	19.44	ug/l		99
54) cis-1,3-Dichloropropene	9.804	75	76615	20.34	ug/l		94
55) 1,1,2-Trichloroethane	10.531	97	44550	22.14	ug/l		98
56) Ethyl methacrylate	10.399	69	68341	20.54	ug/l	#	93
57) 1,3-Dichloropropane	10.675	76	78131	22.06	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.659	63	119332	77.66	ug/l		97
59) 2-Hexanone	10.720	43	198998	104.82	ug/l		96
60) Dibromochloromethane	10.871	129	41834	20.34	ug/l		98
61) 1,2-Dibromoethane	10.974	107	44761	22.32	ug/l		99
64) Tetrachloroethene	10.598	164	45218	20.71	ug/l		97
65) Chlorobenzene	11.402	112	121618	22.31	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.476	131	40216	20.87	ug/l		97
67) Ethyl Benzene	11.479	91	221037	21.59	ug/l		97
68) m/p-Xylenes	11.592	106	167038	45.07	ug/l		99
69) o-Xylene	11.916	106	81588	22.72	ug/l		97
70) Styrene	11.932	104	133267	22.54	ug/l		99
71) Bromoform	12.096	173	25096	18.84	ug/l	#	98
73) Isopropylbenzene	12.219	105	210032	20.62	ug/l		100
74) N-amyl acetate	12.042	43	77938	18.09	ug/l		97
75) 1,1,2,2-Tetrachloroethane	12.473	83	60351	20.06	ug/l		98
76) 1,2,3-Trichloropropane	12.524	75	57546m	18.92	ug/l		
77) Bromobenzene	12.495	156	44812	20.32	ug/l		78
78) n-propylbenzene	12.559	91	238064	19.83	ug/l		99
79) 2-Chlorotoluene	12.643	91	141120	19.79	ug/l		99
80) 1,3,5-Trimethylbenzene	12.701	105	177184	20.43	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.270	75	18792	15.82	ug/l		96
82) 4-Chlorotoluene	12.743	91	145296	19.96	ug/l		97
83) tert-Butylbenzene	12.965	119	145415	20.10	ug/l		98
84) 1,2,4-Trimethylbenzene	13.010	105	180051	20.81	ug/l		100
85) sec-Butylbenzene	13.141	105	196221	20.10	ug/l		98
86) p-Isopropyltoluene	13.257	119	176742	20.50	ug/l		98
87) 1,3-Dichlorobenzene	13.254	146	85577	21.76	ug/l		97
88) 1,4-Dichlorobenzene	13.334	146	86519	21.68	ug/l		97
89) n-Butylbenzene	13.585	91	155735	20.11	ug/l		98
90) Hexachloroethane	13.842	117	25826	17.12	ug/l		95
91) 1,2-Dichlorobenzene	13.624	146	85669	21.96	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	14.238	75	10345	17.33	ug/l		100
93) 1,2,4-Trichlorobenzene	14.878	180	46909	21.87	ug/l		95
94) Hexachlorobutadiene	14.977	225	20611	21.49	ug/l		99
95) Naphthalene	15.100	128	164517	23.77	ug/l		98
96) 1,2,3-Trichlorobenzene	15.280	180	51209	23.59	ug/l		98

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

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