Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012621\
Data File : VN065597.D
Acq On : 26 Jan 2021 12:13
Operator : JC/MD
Sample : VN0126WBSD01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 27 03:26:36 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 :
VN0126WBSD01

Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.621	168	163795	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	295268	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	260143	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.312	152	106777	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.984	65	107961	50.10	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.20%			
35) Dibromofluoromethane	7.547	113	87168	49.82	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 99.64%			
50) Toluene-d8	10.055	98	341031	49.58	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 99.16%			
62) 4-Bromofluorobenzene	12.370	95	124867	50.42	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 100.84%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.837	85	35628	19.42	ug/l	99
3) Chloromethane	2.036	50	53522	19.85	ug/l	99
4) Vinyl Chloride	2.168	62	52684	19.30	ug/l	98
5) Bromomethane	2.544	94	31735	20.08	ug/l	100
6) Chloroethane	2.682	64	30776	19.49	ug/l	98
7) Trichlorofluoromethane	2.994	101	55300	19.37	ug/l	100
8) Diethyl Ether	3.377	74	27547	20.24	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.717	101	34089	19.68	ug/l	94
10) Methyl Iodide	3.907	142	48290	19.02	ug/l	97
11) Tert butyl alcohol	4.762	59	38078	94.34	ug/l	97
12) 1,1-Dichloroethene	3.695	96	36927	18.52	ug/l	96
13) Acrolein	3.570	56	33743	107.82	ug/l	95
14) Allyl chloride	4.274	41	76659	20.74	ug/l	89
15) Acrylonitrile	4.936	53	103448	98.38	ug/l	99
16) Acetone	3.782	43	78842	93.98	ug/l	97
17) Carbon Disulfide	4.007	76	110528	17.61	ug/l	98
18) Methyl Acetate	4.283	43	46661	19.85	ug/l	94
19) Methyl tert-butyl Ether	4.997	73	132501	19.91	ug/l	94
20) Methylene Chloride	4.499	84	43952	18.92	ug/l	94
21) trans-1,2-Dichloroethene	4.984	96	39365	18.58	ug/l	87
22) Diisopropyl ether	5.904	45	154760	20.48	ug/l	96
23) Vinyl Acetate	5.843	43	614216	101.76	ug/l	97
24) 1,1-Dichloroethane	5.798	63	81018	20.12	ug/l	98
25) 2-Butanone	6.791	43	127539	96.96	ug/l	93
26) 2,2-Dichloropropane	6.772	77	63077	19.57	ug/l	99
27) cis-1,2-Dichloroethene	6.778	96	47276	19.47	ug/l	92
28) Bromochloromethane	7.145	49	31785	18.78	ug/l #	81
29) Tetrahydrofuran	7.171	42	88539	92.80	ug/l	96
30) Chloroform	7.325	83	73395	19.78	ug/l	98
31) Cyclohexane	7.611	56	77391	19.10	ug/l	94
32) 1,1,1-Trichloroethane	7.524	97	58135	19.25	ug/l	97
36) 1,1-Dichloropropene	7.746	75	58752	19.77	ug/l	96
37) Ethyl Acetate	6.885	43	59588	20.90	ug/l	99
38) Carbon Tetrachloride	7.730	117	47851	19.56	ug/l	99
39) Methylcyclohexane	9.042	83	69846	19.27	ug/l	94
40) Benzene	7.997	78	180254	19.86	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.122	41	28376	18.54	ug/l	#	100
42) 1,2-Dichloroethane	8.084	62	57190	20.91	ug/l		100
43) Isopropyl Acetate	8.126	43	98671	19.52	ug/l		92
44) Trichloroethene	8.798	130	42975	19.52	ug/l		93
45) 1,2-Dichloropropane	9.081	63	50418	20.19	ug/l		99
46) Dibromomethane	9.171	93	28191	20.44	ug/l		89
47) Bromodichloromethane	9.367	83	58719	19.85	ug/l		100
48) Methyl methacrylate	9.164	41	47136	19.66	ug/l		91
49) 1,4-Dioxane	9.171	88	15321	394.86	ug/l		91
51) 4-Methyl-2-Pentanone	9.949	43	279050	100.14	ug/l		99
52) Toluene	10.119	92	106471	19.81	ug/l		98
53) t-1,3-Dichloropropene	10.347	75	68535	19.89	ug/l		98
54) cis-1,3-Dichloropropene	9.804	75	77232	20.12	ug/l		99
55) 1,1,2-Trichloroethane	10.531	97	41727	20.35	ug/l		96
56) Ethyl methacrylate	10.396	69	68178	20.11	ug/l		96
57) 1,3-Dichloropropane	10.675	76	74174	20.56	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.659	63	145017	92.62	ug/l		92
59) 2-Hexanone	10.720	43	190124	98.28	ug/l		99
60) Dibromochloromethane	10.872	129	41164	19.65	ug/l		99
61) 1,2-Dibromoethane	10.974	107	40454	19.80	ug/l		99
64) Tetrachloroethene	10.598	164	41218	18.91	ug/l		96
65) Chlorobenzene	11.402	112	106224	19.52	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.479	131	38451	19.99	ug/l		98
67) Ethyl Benzene	11.479	91	200075	19.57	ug/l		96
68) m/p-Xylenes	11.589	106	144860	39.14	ug/l		97
69) o-Xylene	11.916	106	70110	19.55	ug/l		93
70) Styrene	11.933	104	115542	19.57	ug/l		97
71) Bromoform	12.097	173	25446	19.13	ug/l	#	96
73) Isopropylbenzene	12.219	105	185500	19.84	ug/l		99
74) N-amyl acetate	12.039	43	78624	19.88	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.473	83	54336	19.68	ug/l		98
76) 1,2,3-Trichloropropane	12.524	75	53410m	19.13	ug/l		
77) Bromobenzene	12.495	156	39664	19.59	ug/l		74
78) n-propylbenzene	12.560	91	212539	19.29	ug/l		98
79) 2-Chlorotoluene	12.643	91	127198	19.44	ug/l		96
80) 1,3,5-Trimethylbenzene	12.701	105	156209	19.62	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.270	75	20302	18.62	ug/l		94
82) 4-Chlorotoluene	12.743	91	127661	19.11	ug/l		96
83) tert-Butylbenzene	12.961	119	130571	19.67	ug/l		99
84) 1,2,4-Trimethylbenzene	13.010	105	154783	19.50	ug/l		100
85) sec-Butylbenzene	13.142	105	175224	19.55	ug/l		97
86) p-Isopropyltoluene	13.261	119	154815	19.57	ug/l		99
87) 1,3-Dichlorobenzene	13.251	146	70390	19.51	ug/l		96
88) 1,4-Dichlorobenzene	13.334	146	69521	18.98	ug/l		97
89) n-Butylbenzene	13.585	91	139261	19.59	ug/l		98
90) Hexachloroethane	13.842	117	26292	18.99	ug/l		92
91) 1,2-Dichlorobenzene	13.624	146	69838	19.51	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	14.238	75	10198	18.61	ug/l		87
93) 1,2,4-Trichlorobenzene	14.878	180	34312	18.12	ug/l		100
94) Hexachlorobutadiene	14.977	225	16382	18.64	ug/l		98
95) Naphthalene	15.100	128	103957	17.44	ug/l		100
96) 1,2,3-Trichlorobenzene	15.280	180	35394	18.47	ug/l		99

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

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