Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042121\
Data File : VN066703.D
Acq On : 21 Apr 2021 17:58
Operator : JC/MD
Sample : VN0421WBS01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0421WBS01

Manual Integrations APPROVED
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4/22/2021 5:29:24 PM

Quant Time: Apr 22 08:30:13 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042121W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 22 08:25:55 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.591	168	304356	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.516	114	475696	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.349	117	430698	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.288	152	190221	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.953	65	182226	49.01	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 98.02%			
35) Dibromofluoromethane	7.513	113	149013	50.02	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.04%			
50) Toluene-d8	10.029	98	586143	50.45	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 100.90%			
62) 4-Bromofluorobenzene	12.346	95	193703	48.69	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 97.38%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.836	85	56113	16.35	ug/l	100
3) Chloromethane	2.034	50	80522	16.43	ug/l	97
4) Vinyl Chloride	2.163	62	73619	16.89	ug/l	97
5) Bromomethane	2.514	94	44429	18.04	ug/l	96
6) Chloroethane	2.659	64	42941	16.78	ug/l	99
7) Trichlorofluoromethane	2.973	101	77838	16.62	ug/l	98
8) Diethyl Ether	3.356	74	33589	16.86	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.697	101	48105	16.36	ug/l	98
10) Methyl Iodide	3.885	142	74713	16.17	ug/l	98
11) Tert butyl alcohol	4.700	59	47802	101.46	ug/l	98
12) 1,1-Dichloroethene	3.673	96	48423	16.32	ug/l	94
13) Acrolein	3.549	56	37328	71.70	ug/l	97
14) Allyl chloride	4.247	41	95989	16.89	ug/l	93
15) Acrylonitrile	4.896	53	142140	88.51	ug/l	99
16) Acetone	3.753	43	112520	80.84	ug/l	97
17) Carbon Disulfide	3.984	76	152221	15.98	ug/l	99
18) Methyl Acetate	4.249	43	67285	17.43	ug/l	95
19) Methyl tert-butyl Ether	4.955	73	164592	16.99	ug/l	94
20) Methylene Chloride	4.472	84	62434	15.09	ug/l	96
21) trans-1,2-Dichloroethene	4.949	96	54181	16.63	ug/l	94
22) Diisopropyl ether	5.864	45	193871	16.82	ug/l	92
23) Vinyl Acetate	5.808	43	795633	85.60	ug/l	98
24) 1,1-Dichloroethane	5.757	63	104383	16.31	ug/l	98
25) 2-Butanone	6.749	43	176771	88.54	ug/l	94
26) 2,2-Dichloropropane	6.736	77	84373	16.05	ug/l	100
27) cis-1,2-Dichloroethene	6.741	96	62829	16.63	ug/l	94
28) Bromochloromethane	7.108	49	50883	16.90	ug/l	87
29) Tetrahydrofuran	7.127	42	121662	88.44	ug/l	95
30) Chloroform	7.293	83	101115	16.85	ug/l	99
31) Cyclohexane	7.578	56	98323	16.23	ug/l	93
32) 1,1,1-Trichloroethane	7.492	97	84367	16.83	ug/l	98
36) 1,1-Dichloropropene	7.717	75	74504	16.85	ug/l	99
37) Ethyl Acetate	6.843	43	81614	17.56	ug/l	98
38) Carbon Tetrachloride	7.698	117	71876	17.07	ug/l	98
39) Methylcyclohexane	9.015	83	87637	16.71	ug/l	92
40) Benzene	7.969	78	242783	17.05	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.087	41	34985	16.94	ug/l	#	100
42) 1,2-Dichloroethane	8.052	62	77631	17.08	ug/l		99
43) Isopropyl Acetate	8.095	43	128808	17.37	ug/l		99
44) Trichloroethene	8.768	130	58602	17.31	ug/l		96
45) 1,2-Dichloropropane	9.053	63	65223	16.85	ug/l		100
46) Dibromomethane	9.144	93	39455	17.46	ug/l		99
47) Bromodichloromethane	9.337	83	80630	16.98	ug/l		99
48) Methyl methacrylate	9.136	41	58291	17.91	ug/l		94
49) 1,4-Dioxane	9.139	88	19081	485.18	ug/l		93
51) 4-Methyl-2-Pentanone	9.922	43	383864	92.50	ug/l		97
52) Toluene	10.093	92	148918	17.81	ug/l		99
53) t-1,3-Dichloropropene	10.321	75	87829	17.52	ug/l		97
54) cis-1,3-Dichloropropene	9.777	75	98667	17.27	ug/l		98
55) 1,1,2-Trichloroethane	10.504	97	58654	17.72	ug/l		96
56) Ethyl methacrylate	10.372	69	79614	17.36	ug/l		95
57) 1,3-Dichloropropane	10.646	76	97952	17.59	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.632	63	61412	85.22	ug/l		96
59) 2-Hexanone	10.694	43	235523	87.22	ug/l		98
60) Dibromochloromethane	10.842	129	62933	17.89	ug/l		100
61) 1,2-Dibromoethane	10.946	107	59032	18.15	ug/l		99
64) Tetrachloroethene	10.571	164	52820	17.37	ug/l		97
65) Chlorobenzene	11.375	112	154828	17.68	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.450	131	58417	18.37	ug/l		99
67) Ethyl Benzene	11.453	91	271606	18.04	ug/l		99
68) m/p-Xylenes	11.566	106	207055	36.90	ug/l		100
69) o-Xylene	11.890	106	99972	18.09	ug/l		99
70) Styrene	11.909	104	154728	16.97	ug/l		98
71) Bromoform	12.073	173	45042	18.68	ug/l	#	99
73) Isopropylbenzene	12.193	105	262551	19.42	ug/l		100
74) N-amyl acetate	12.032	43	20531	6.38	ug/l		96
75) 1,1,2,2-Tetrachloroethane	12.448	83	89381	19.59	ug/l		99
76) 1,2,3-Trichloropropane	12.499	75	77032m	18.93	ug/l		
77) Bromobenzene	12.470	156	67845	19.40	ug/l		99
78) n-propylbenzene	12.534	91	289626	19.22	ug/l		99
79) 2-Chlorotoluene	12.617	91	182588	18.68	ug/l		99
80) 1,3,5-Trimethylbenzene	12.679	105	217268	18.91	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.250	75	19975	18.87	ug/l		96
82) 4-Chlorotoluene	12.719	91	175332	18.92	ug/l		99
83) tert-Butylbenzene	12.936	119	183265	17.90	ug/l		99
84) 1,2,4-Trimethylbenzene	12.985	105	202205	18.40	ug/l		99
85) sec-Butylbenzene	13.116	105	240218	18.68	ug/l		100
86) p-Isopropyltoluene	13.234	119	199567	18.65	ug/l		100
87) 1,3-Dichlorobenzene	13.229	146	107752	18.30	ug/l		99
88) 1,4-Dichlorobenzene	13.309	146	114002	18.01	ug/l		98
89) n-Butylbenzene	13.561	91	150025	15.74	ug/l		98
90) Hexachloroethane	13.813	117	43992	18.38	ug/l		95
91) 1,2-Dichlorobenzene	13.599	146	110001	18.29	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.224	75	13853	17.03	ug/l		94
93) 1,2,4-Trichlorobenzene	14.854	180	58724	17.68	ug/l		99
94) Hexachlorobutadiene	14.948	225	33003	17.78	ug/l		99
95) Naphthalene	15.074	128	146323	17.93	ug/l		100
96) 1,2,3-Trichlorobenzene	15.251	180	57152	17.85	ug/l		97

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

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