Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040721\
Data File : VN066509.D
Acq On : 7 Apr 2021 16:34
Operator : JC/MD
Sample : VN0407WBS01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0407WBS01

Manual Integrations APPROVED
MMDadoda
4/9/2021 11:54:03 AM

Quant Time: Apr 08 02:20:38 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040621W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 06 15:38:34 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.584	168	294520	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.512	114	462734	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.347	117	425865	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	196048	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	7.947	65	196482	50.66	ug/l		0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.32%				
35) Dibromofluoromethane	7.504	113	154342	48.94	ug/l		0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.88%				
50) Toluene-d8	10.028	98	578747	48.30	ug/l		0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.60%				
62) 4-Bromofluorobenzene	12.345	95	182908	47.07	ug/l		0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 94.14%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.818	85	63522	19.08	ug/l		100
3) Chloromethane	2.017	50	80612	18.50	ug/l		98
4) Vinyl Chloride	2.145	62	88319	18.00	ug/l		97
5) Bromomethane	2.513	94	61466	17.21	ug/l		96
6) Chloroethane	2.647	64	59194	18.43	ug/l		98
7) Trichlorofluoromethane	2.958	101	120503	18.69	ug/l		100
8) Diethyl Ether	3.339	74	33499	19.01	ug/l		99
9) 1,1,2-Trichlorotrifluo...	3.682	101	50043	18.24	ug/l		99
10) Methyl Iodide	3.867	142	72260	18.05	ug/l		99
11) Tert butyl alcohol	4.675	59	50976	81.45	ug/l	#	85
12) 1,1-Dichloroethene	3.661	96	50971	18.62	ug/l		93
13) Acrolein	3.532	56	24806	75.73	ug/l		99
14) Allyl chloride	4.232	41	76053	16.45	ug/l	#	89
15) Acrylonitrile	4.873	53	145997	82.30	ug/l		98
16) Acetone	3.736	43	125071	76.93	ug/l		97
17) Carbon Disulfide	3.972	76	154962	17.54	ug/l		99
18) Methyl Acetate	4.235	43	68709	16.90	ug/l		100
19) Methyl tert-butyl Ether	4.935	73	178602	18.56	ug/l		96
20) Methylene Chloride	4.455	84	64043	18.35	ug/l		94
21) trans-1,2-Dichloroethene	4.937	96	57469	18.13	ug/l		95
22) Diisopropyl ether	5.847	45	198176	18.94	ug/l	#	87
23) Vinyl Acetate	5.790	43	812853	89.05	ug/l		100
24) 1,1-Dichloroethane	5.745	63	111594	18.78	ug/l		99
25) 2-Butanone	6.734	43	190982	78.30	ug/l		99
26) 2,2-Dichloropropane	6.724	77	57566	11.36	ug/l	#	74
27) cis-1,2-Dichloroethene	6.732	96	66936	18.42	ug/l		93
28) Bromochloromethane	7.099	49	55026	17.88	ug/l		96
29) Tetrahydrofuran	7.118	42	121605	74.30	ug/l		98
30) Chloroform	7.284	83	112591	18.80	ug/l		97
31) Cyclohexane	7.574	56	92461	17.33	ug/l		97
32) 1,1,1-Trichloroethane	7.483	97	96151	18.55	ug/l		99
36) 1,1-Dichloropropene	7.711	75	77526	17.24	ug/l		100
37) Ethyl Acetate	6.831	43	87300	15.69	ug/l		98
38) Carbon Tetrachloride	7.692	117	82262	18.05	ug/l		99
39) Methylcyclohexane	9.011	83	85781	16.67	ug/l		98
40) Benzene	7.963	78	256234	18.20	ug/l		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.072	41	32632	12.13	ug/l		91
42) 1,2-Dichloroethane	8.046	62	87711	17.83	ug/l		100
43) Isopropyl Acetate	8.089	43	140130	16.26	ug/l	#	89
44) Trichloroethene	8.765	130	63593	17.54	ug/l		99
45) 1,2-Dichloropropane	9.046	63	67736	18.07	ug/l		98
46) Dibromomethane	9.140	93	44163	18.06	ug/l		99
47) Bromodichloromethane	9.333	83	91779	18.29	ug/l		98
48) Methyl methacrylate	9.132	41	58703	15.34	ug/l		95
49) 1,4-Dioxane	9.129	88	16858	324.80	ug/l		99
51) 4-Methyl-2-Pentanone	9.918	43	408708	79.85	ug/l		98
52) Toluene	10.089	92	153555	17.99	ug/l		98
53) t-1,3-Dichloropropene	10.320	75	85376	16.32	ug/l		98
54) cis-1,3-Dichloropropene	9.776	75	94348	16.44	ug/l		96
55) 1,1,2-Trichloroethane	10.500	97	62002	17.68	ug/l		97
56) Ethyl methacrylate	10.371	69	76593	16.20	ug/l		99
57) 1,3-Dichloropropane	10.645	76	102074	17.68	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.631	63	51130	89.64	ug/l		99
59) 2-Hexanone	10.690	43	247346	72.94	ug/l		100
60) Dibromochloromethane	10.840	129	68700	17.70	ug/l		99
61) 1,2-Dibromoethane	10.945	107	62189	17.15	ug/l		99
64) Tetrachloroethene	10.570	164	65608	18.34	ug/l		98
65) Chlorobenzene	11.374	112	158423	17.85	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.449	131	62018	18.43	ug/l		99
67) Ethyl Benzene	11.452	91	275433	18.02	ug/l		99
68) m/p-Xylenes	11.565	106	202853	35.60	ug/l		99
69) o-Xylene	11.892	106	97088	17.52	ug/l		98
70) Styrene	11.908	104	152843	16.95	ug/l		100
71) Bromoform	12.071	173	46378	17.09	ug/l	#	100
73) Isopropylbenzene	12.195	105	257180	18.07	ug/l		100
74) N-amyl acetate	12.026	43	26108	16.77	ug/l		97
75) 1,1,2,2-Tetrachloroethane	12.447	83	83071	15.67	ug/l		96
76) 1,2,3-Trichloropropane	12.498	75	72181m	16.32	ug/l		
77) Bromobenzene	12.468	156	65103	17.26	ug/l		99
78) n-propylbenzene	12.535	91	288321	18.08	ug/l		98
79) 2-Chlorotoluene	12.619	91	176790	18.25	ug/l		100
80) 1,3,5-Trimethylbenzene	12.678	105	213485	18.10	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.248	75	15889	14.57	ug/l		91
82) 4-Chlorotoluene	12.718	91	172606	18.04	ug/l		99
83) tert-Butylbenzene	12.938	119	179611	16.84	ug/l		97
84) 1,2,4-Trimethylbenzene	12.983	105	202341	17.72	ug/l		99
85) sec-Butylbenzene	13.115	105	231276	17.35	ug/l		99
86) p-Isopropyltoluene	13.233	119	198934	17.39	ug/l		99
87) 1,3-Dichlorobenzene	13.225	146	110726	17.11	ug/l		99
88) 1,4-Dichlorobenzene	13.308	146	105030	16.54	ug/l		96
89) n-Butylbenzene	13.560	91	156860	15.25	ug/l		98
90) Hexachloroethane	13.815	117	41000	17.16	ug/l		97
91) 1,2-Dichlorobenzene	13.597	146	107052	16.73	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.238	75	12551	12.83	ug/l		96
93) 1,2,4-Trichlorobenzene	14.984	180	54372	15.29	ug/l		97
94) Hexachlorobutadiene	15.107	225	34653	15.56	ug/l		100
95) Naphthalene	15.263	128	120663	12.07	ug/l		99
96) 1,2,3-Trichlorobenzene	15.502	180	49958	14.09	ug/l		95

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

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