Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083019\
Data File : BF116660.D
Acq On : 30 Aug 2019 19:12
Operator : HP/JU
Sample : SSTDICC100
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Manual Integrations APPROVED
mohammad
8/31/2019 2:45:20 PM

Quant Time: Aug 30 20:03:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 30 18:11:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	123489	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	512591	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	257537	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	395773	20.00	ng		0.00
76) Chrysene-d12	14.00	240	209447	20.00	ng		0.00
87) Perylene-d12	15.45	264	199964	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	1348873	137.42	ng		0.01
7) Phenol-d6	6.50	99	1789988	157.72	ng		0.02
23) Nitrobenzene-d5	7.43	82	1741844	178.83	ng		0.02
42) 2,4,6-Tribromophenol	10.68	330	317612	106.95	ng		0.00
45) 2-Fluorobiphenyl	9.22	172	2515096	122.60	ng		0.00
79) Terphenyl-d14	12.96	244	2120189	163.97	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	331570	68.168	ng		99
3) Pyridine	3.36	79	985100	72.407	ng		95
4) n-Nitrosodimethylamine	3.33	42	340099	65.492	ng		87
6) Aniline	6.53	93	1236457	80.615	ng		99
8) 2-Chlorophenol	6.65	128	734567	76.689	ng		94
10) Phenol	6.51	94	970724	77.093	ng		85
11) bis(2-Chloroethyl)ether	6.60	93	779873	82.145	ng		99
12) 1,3-Dichlorobenzene	6.80	146	832864	83.993	ng		99
13) 1,4-Dichlorobenzene	6.87	146	819204	85.741	ng		98
14) 1,2-Dichlorobenzene	7.03	146	745921	88.302	ng		97
15) Benzyl Alcohol	7.00	79	730204	95.910	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	916821	99.296	ng		98
17) 2-Methylphenol	7.10	107	668049	99.824	ng		97
18) Hexachloroethane	7.37	117	330120	97.457	ng	#	88
19) n-Nitroso-di-n-propylamine	7.29	70	612270	103.389	ng		91
20) 3+4-Methylphenols	7.27	107	720730	85.582	ng	#	81
22) Acetophenone	7.27	105	1075900	74.382	ng		95
24) Nitrobenzene	7.45	77	866996	88.927	ng		96
25) Isophorone	7.69	82	1707205	96.861	ng		99
26) 2-Nitrophenol	7.75	139	362789	83.721	ng		96
27) 2,4-Dimethylphenol	7.79	122	621657	90.535	ng		98
28) bis(2-Chloroethoxy)methane	7.89	93	1005615	92.313	ng		99
29) 2,4-Dichlorophenol	8.00	162	606730	83.652	ng		96
30) 1,2,4-Trichlorobenzene	8.08	180	631582	75.657	ng		95
31) Naphthalene	8.16	128	2099663	80.787	ng		98
32) Benzoic acid	7.96	122	458871	82.876	ng		97
33) 4-Chloroaniline	8.20	127	978303	88.765	ng		99
34) Hexachlorobutadiene	8.28	225	341579	71.433	ng		98
35) Caprolactam	8.61	113	228475m	99.428	ng		
36) 4-Chloro-3-methylphenol	8.69	107	699296	87.225	ng		99
37) 2-Methylnaphthalene	8.85	142	1388308	80.863	ng		98
38) 1-Methylnaphthalene	8.95	142	1312156	81.209	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	514837	58.928	ng	#	97
41) Hexachlorocyclopentadiene	9.01	237	330914	64.622	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	9.13	196	392072	66.557	ng		98
44) 2,4,5-Trichlorophenol	9.17	196	400970	67.002	ng	#	91
46) 1,1'-Biphenyl	9.32	154	1645323	65.978	ng		99
47) 2-Chloronaphthalene	9.34	162	1329035	68.995	ng		98
48) 2-Nitroaniline	9.43	65	462695	78.367	ng		95
49) Acenaphthylene	9.76	152	1972775	75.331	ng		99
50) Dimethylphthalate	9.62	163	1571953	71.666	ng		99
51) 2,6-Dinitrotoluene	9.68	165	337263	74.752	ng		92
52) Acenaphthene	9.93	154	1250947	78.593	ng		99
53) 3-Nitroaniline	9.85	138	414112	84.235	ng		94
54) 2,4-Dinitrophenol	9.95	184	125894	66.926	ng		89
55) Dibenzofuran	10.10	168	1709121	70.894	ng		94
56) 4-Nitrophenol	10.00	139	289810	85.777	ng		91
57) 2,4-Dinitrotoluene	10.08	165	426176	76.424	ng		92
58) Fluorene	10.44	166	1298773	66.794	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.22	232	291261	63.004	ng	#	94
60) Diethylphthalate	10.32	149	1534159	73.924	ng		99
61) 4-Chlorophenyl-phenylether	10.43	204	557071	58.031	ng		96
62) 4-Nitroaniline	10.47	138	417778	78.180	ng		96
63) Azobenzene	10.59	77	1623482	78.695	ng		97
65) 4,6-Dinitro-2-methylphenol	10.49	198	161085	75.404	ng		75
66) n-Nitrosodiphenylamine	10.55	169	1208989	91.898	ng		98
67) 4-Bromophenyl-phenylether	10.92	248	351845	78.131	ng		100
68) Hexachlorobenzene	10.99	284	371039	74.811	ng		98
69) Atrazine	11.07	200	318352	79.536	ng		97
70) Pentachlorophenol	11.17	266	202578	69.793	ng		98
71) Phenanthrene	11.40	178	1874160	84.283	ng		98
72) Anthracene	11.45	178	1891819	83.314	ng		99
73) Carbazole	11.60	167	1787617	88.908	ng		99
74) Di-n-butylphthalate	11.93	149	2257858	85.446	ng		98
75) Fluoranthene	12.59	202	1780472	78.490	ng		99
77) Benzidine	12.70	184	652505	91.558	ng	#	96
78) Pyrene	12.82	202	1784003	87.466	ng		97
80) Butylbenzylphthalate	13.43	149	883310	107.192	ng		98
81) Benzo(a)anthracene	14.00	228	1158632	81.665	ng		99
82) 3,3'-Dichlorobenzidine	13.96	252	374534	80.226	ng		99
83) Chrysene	14.03	228	1224141	88.542	ng		97
84) Bis(2-ethylhexyl)phthalate	13.99	149	1035118	98.115	ng		98
85) Di-n-octyl phthalate	14.59	149	1655445	103.984	ng		98
86) Indeno(1,2,3-cd)pyrene	16.92	276	1193057	99.586	ng	#	93
88) Benzo(b)fluoranthene	15.03	252	1098493m	86.757	ng		
89) Benzo(k)fluoranthene	15.07	252	918611	75.548	ng		99
90) Benzo(a)pyrene	15.40	252	943457	85.267	ng		97
91) Dibenzo(a,h)anthracene	16.93	278	938572	80.873	ng	#	95
92) Benzo(g,h,i)perylene	17.36	276	1016510	91.438	ng	#	93

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

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