Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121417\
Data File : BF101393.D
Acq On : 14 Dec 2017 14:06
Operator : SJ/JU
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Sohil
12/15/2017 6:43:52 PM

Quant Time: Dec 14 14:34:45 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 14 13:19:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	149701	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	610560	20.00	ng		0.00
38) Acenaphthene-d10	9.86	164	277364	20.00	ng		0.00
63) Phenanthrene-d10	11.35	188	523144	20.00	ng		0.00
75) Chrysene-d12	14.00	240	382598	20.00	ng		0.00
86) Perylene-d12	15.47	264	356772	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	1397047	154.21	ng		0.00
7) Phenol-d6	6.47	99	1694992	154.10	ng		0.01
23) Nitrobenzene-d5	7.40	82	1615670	157.85	ng		0.01
41) 2,4,6-Tribromophenol	10.66	330	376755	113.07	ng		0.01
44) 2-Fluorobiphenyl	9.18	172	2256754	111.32	ng		0.00
78) Terphenyl-d14	12.94	244	2075810	118.67	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.55	88	395789	105.651	ng		93
3) Pyridine	3.31	79	1145080	117.912	ng		96
4) n-Nitrosodimethylamine	3.30	42	543552	114.597	ng	#	93
6) Aniline	6.49	93	1199740	83.881	ng	#	91
8) 2-Chlorophenol	6.61	128	731975	74.103	ng		97
9) Benzaldehyde	6.37	77	628002	93.288	ng		96
10) Phenol	6.48	94	965072	78.910	ng	#	71
11) bis(2-Chloroethyl)ether	6.56	93	820739	89.468	ng		93
12) 1,3-Dichlorobenzene	6.76	146	842725	73.269	ng		99
13) 1,4-Dichlorobenzene	6.84	146	840035	70.543	ng		98
14) 1,2-Dichlorobenzene	6.99	146	714094	64.291	ng		98
15) Benzyl Alcohol	6.97	79	534938	62.970	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.10	45	1244309	99.788	ng		87
17) 2-Methylphenol	7.09	107	687571	86.203	ng	#	89
18) Hexachloroethane	7.32	117	295178	77.155	ng		97
19) n-Nitroso-di-n-propylamine	7.25	70	549264	74.151	ng		93
20) 3+4-Methylphenols	7.24	107	639687	61.496	ng	#	68
22) Acetophenone	7.24	105	933899	63.312	ng	#	85
24) Nitrobenzene	7.42	77	841364	83.874	ng		98
25) Isophorone	7.65	82	1649750	94.364	ng		98
26) 2-Nitrophenol	7.73	139	415042	75.371	ng		99
27) 2,4-Dimethylphenol	7.76	122	635214	79.742	ng		97
28) bis(2-Chloroethoxy)methane	7.85	93	967294	82.321	ng		98
29) 2,4-Dichlorophenol	7.97	162	633245	73.031	ng		99
30) 1,2,4-Trichlorobenzene	8.05	180	642552	67.393	ng		98
31) Naphthalene	8.13	128	2041265	67.835	ng		99
32) Benzoic acid	7.95	122	527739	85.179	ng		93
33) 4-Chloroaniline	8.18	127	937502	77.538	ng		97
34) Hexachlorobutadiene	8.23	225	365878	62.567	ng		99
35) Caprolactam	8.59	113	251621m	93.116	ng		
36) 4-Chloro-3-methylphenol	8.67	107	672864	74.914	ng		99
37) 2-Methylnaphthalene	8.82	142	1311244	64.130	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	620994	61.631	ng		97
40) Hexachlorocyclopentadiene	8.96	237	163612	54.800	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	413420	69.992	ng		100
43) 2,4,5-Trichlorophenol	9.15	196	443120	70.173	ng		96
45) 1,1'-Biphenyl	9.29	154	1582724	62.282	ng		99
46) 2-Chloronaphthalene	9.31	162	1245911	69.036	ng		99
47) 2-Nitroaniline	9.42	65	496053	92.903	ng		88
48) Acenaphthylene	9.73	152	1865498	62.899	ng		99
49) Dimethylphthalate	9.59	163	1554876	69.511	ng		99
50) 2,6-Dinitrotoluene	9.66	165	325886	69.170	ng		91
51) Acenaphthene	9.90	154	1171149	65.945	ng		99
52) 3-Nitroaniline	9.83	138	424597	80.139	ng		96
53) 2,4-Dinitrophenol	9.95	184	130836	60.906	ng	#	18
54) Dibenzofuran	10.07	168	1464565	57.226	ng		97
55) 4-Nitrophenol	10.00	139	214896	60.142	ng		92
56) 2,4-Dinitrotoluene	10.07	165	355868	56.361	ng	#	87
57) Fluorene	10.42	166	1257699	60.452	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.19	232	336199	66.494	ng		91
59) Diethylphthalate	10.29	149	1451814	65.803	ng		97
60) 4-Chlorophenyl-phenylether	10.40	204	603911	58.791	ng		96
61) 4-Nitroaniline	10.46	138	428586	77.927	ng		95
62) Azobenzene	10.56	77	1494389	79.812	ng		95
64) 4,6-Dinitro-2-methylphenol	10.49	198	245309	69.911	ng		90
65) n-Nitrosodiphenylamine	10.53	169	1276131	69.145	ng		97
66) 4-Bromophenyl-phenylether	10.89	248	402451	68.728	ng	#	88
67) Hexachlorobenzene	10.97	284	421052	67.091	ng	#	87
68) Atrazine	11.06	200	395967	69.943	ng		97
69) Pentachlorophenol	11.16	266	191851	55.597	ng		97
70) Phenanthrene	11.38	178	1872139	64.984	ng		99
71) Anthracene	11.43	178	1904906	65.332	ng		99
72) Carbazole	11.59	167	1789126	67.158	ng		99
73) Di-n-butylphthalate	11.90	149	2204539	66.021	ng		100
74) Fluoranthene	12.57	202	1930812	60.461	ng		97
76) Benzidine	12.70	184	1292948	103.923	ng	#	90
77) Pyrene	12.80	202	2026287	76.752	ng		99
79) Butylbenzylphthalate	13.40	149	963171	82.749	ng		96
80) Benzo(a)anthracene	14.00	228	1812643	75.037	ng		100
81) 3,3'-Dichlorobenzidine	13.95	252	493979	59.046	ng		96
82) Chrysene	14.03	228	1631993	72.744	ng		98
83) Bis(2-ethylhexyl)phthalate	13.96	149	1040485	62.694	ng	#	99
84) Di-n-octyl phthalate	14.57	149	2072957	75.017	ng		96
85) Indeno(1,2,3-cd)pyrene	16.99	276	1478008	74.103	ng		96
87) Benzo(b)fluoranthene	15.05	252	1643377	76.902	ng		98
88) Benzo(k)fluoranthene	15.08	252	1434867	68.152	ng		99
89) Benzo(a)pyrene	15.42	252	1443493	74.301	ng		98
90) Dibenzo(a,h)anthracene	16.98	278	1212123	70.771	ng		97
91) Benzo(g,h,i)perylene	17.42	276	1275928	79.049	ng		94

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

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