Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012218\
Data File : BF102294.D
Acq On : 22 Jan 2018 12:49
Operator : SJ/JU
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Sohil
1/23/2018 12:46:32 PM

Quant Time: Jan 22 13:30:46 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 22 12:26:32 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	135798	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	566012	20.00	ng		0.00
38) Acenaphthene-d10	9.76	164	258159	20.00	ng		0.00
63) Phenanthrene-d10	11.24	188	450709	20.00	ng		0.00
75) Chrysene-d12	13.88	240	321888	20.00	ng		0.00
86) Perylene-d12	15.29	264	264145	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	1278840	132.98	ng		0.00
7) Phenol-d6	6.37	99	1521074	132.57	ng		0.02
23) Nitrobenzene-d5	7.30	82	1438138	149.31	ng		0.01
41) 2,4,6-Tribromophenol	10.55	330	345761	153.47	ng		0.00
44) 2-Fluorobiphenyl	9.09	172	2310185	139.80	ng		0.00
78) Terphenyl-d14	12.83	244	1937230	124.96	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.37	88	319764	66.628	ng		97
3) Pyridine	3.08	79	886446	67.635	ng		96
4) n-Nitrosodimethylamine	3.07	42	350689	63.896	ng		99
6) Aniline	6.40	93	1008801	62.387	ng		99
8) 2-Chlorophenol	6.51	128	666823	69.136	ng		99
9) Benzaldehyde	6.27	77	313352	39.332	ng		99
10) Phenol	6.39	94	829141	63.943	ng	#	70
11) bis(2-Chloroethyl)ether	6.47	93	658512	66.722	ng		97
12) 1,3-Dichlorobenzene	6.66	146	801007	72.043	ng		99
13) 1,4-Dichlorobenzene	6.74	146	797084	71.844	ng		98
14) 1,2-Dichlorobenzene	6.89	146	691076	67.298	ng		99
15) Benzyl Alcohol	6.87	79	510139	60.782	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.00	45	1055175	57.997	ng		96
17) 2-Methylphenol	6.99	107	589622	67.766	ng	#	93
18) Hexachloroethane	7.23	117	281582	72.074	ng		96
19) n-Nitroso-di-n-propylamine	7.16	70	485038	64.506	ng		99
20) 3+4-Methylphenols	7.15	107	653413	62.546	ng	#	73
22) Acetophenone	7.15	105	927582	68.017	ng	#	89
24) Nitrobenzene	7.32	77	723216	69.876	ng		97
25) Isophorone	7.56	82	1331385	69.956	ng		98
26) 2-Nitrophenol	7.62	139	401311	92.639	ng		99
27) 2,4-Dimethylphenol	7.67	122	564853	69.818	ng		97
28) bis(2-Chloroethoxy)methane	7.76	93	798355	69.474	ng		100
29) 2,4-Dichlorophenol	7.87	162	556908	72.494	ng		98
30) 1,2,4-Trichlorobenzene	7.95	180	596728	74.263	ng		99
31) Naphthalene	8.03	128	1952439	69.033	ng		99
32) Benzoic acid	7.85	122	554246	90.344	ng		98
33) 4-Chloroaniline	8.08	127	840422	69.620	ng		99
34) Hexachlorobutadiene	8.14	225	316660	74.450	ng		99
35) Caprolactam	8.49	113	211208m	80.087	ng		
36) 4-Chloro-3-methylphenol	8.57	107	598741	71.203	ng		97
37) 2-Methylnaphthalene	8.72	142	1293956	69.495	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	534689	73.210	ng		99
40) Hexachlorocyclopentadiene	8.86	237	291535	72.989	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	369903	73.497	ng		98
43) 2,4,5-Trichlorophenol	9.05	196	421261	74.056	ng		97
45) 1,1'-Biphenyl	9.19	154	1517831	66.518	ng		98
46) 2-Chloronaphthalene	9.21	162	1215514	68.693	ng		100
47) 2-Nitroaniline	9.31	65	414298	78.163	ng		96
48) Acenaphthylene	9.62	152	1822037	64.884	ng		99
49) Dimethylphthalate	9.50	163	1545361	74.620	ng		99
50) 2,6-Dinitrotoluene	9.56	165	329859	79.738	ng		99
51) Acenaphthene	9.79	154	1099963	64.536	ng		100
52) 3-Nitroaniline	9.73	138	393812	75.430	ng		96
53) 2,4-Dinitrophenol	9.83	184	163643	129.823	ng	#	20
54) Dibenzofuran	9.97	168	1474523	63.035	ng		99
55) 4-Nitrophenol	9.90	139	280368	72.060	ng		93
56) 2,4-Dinitrotoluene	9.96	165	378297	72.960	ng	#	88
57) Fluorene	10.31	166	1178137	72.856	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.09	232	305543	75.447	ng		98
59) Diethylphthalate	10.19	149	1428246	69.330	ng		98
60) 4-Chlorophenyl-phenylether	10.30	204	502853	73.028	ng		98
61) 4-Nitroaniline	10.35	138	392987	79.315	ng		93
62) Azobenzene	10.46	77	1290328	62.955	ng		96
64) 4,6-Dinitro-2-methylphenol	10.37	198	240631	108.582	ng		85
65) n-Nitrosodiphenylamine	10.43	169	1130110	66.961	ng		100
66) 4-Bromophenyl-phenylether	10.79	248	338913	71.205	ng		97
67) Hexachlorobenzene	10.85	284	378471	72.837	ng		95
68) Atrazine	10.96	200	328030	67.254	ng		99
69) Pentachlorophenol	11.05	266	231860	73.176	ng		99
70) Phenanthrene	11.27	178	1731755	65.778	ng		99
71) Anthracene	11.32	178	1760851	65.947	ng		100
72) Carbazole	11.48	167	1738974	66.261	ng		99
73) Di-n-butylphthalate	11.80	149	2197675	68.255	ng		100
74) Fluoranthene	12.45	202	1768733	68.284	ng		99
77) Pyrene	12.69	202	1825899	64.173	ng		99
79) Butylbenzylphthalate	13.30	149	928146	71.080	ng		94
80) Benzo(a)anthracene	13.87	228	1396173	67.982	ng		99
81) 3,3'-Dichlorobenzidine	13.84	252	453942	59.695	ng		97
82) Chrysene	13.91	228	1425967	66.588	ng		100
83) Bis(2-ethylhexyl)phthalate	13.86	149	1161839	77.563	ng		99
84) Di-n-octyl phthalate	14.47	149	1948579	78.392	ng		99
85) Indeno(1,2,3-cd)pyrene	16.69	276	1085976	69.674	ng		99
87) Benzo(b)fluoranthene	14.90	252	1334213	77.466	ng		99
88) Benzo(k)fluoranthene	14.93	252	1151298	69.294	ng		99
89) Benzo(a)pyrene	15.24	252	1141123	73.628	ng		98
90) Dibenzo(a,h)anthracene	16.71	278	882611	71.362	ng		99
91) Benzo(g,h,i)perylene	17.11	276	897583	72.044	ng		99

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

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