Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF020318\
Data File : BF102711.D
Acq On : 3 Feb 2018 11:47
Operator : SJ/JU
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Sohil
2/5/2018 11:05:07 AM

Quant Time: Feb 04 22:11:20 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Feb 03 12:04:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	197854	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	850322	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	394944	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	677903	20.00	ng		0.00
75) Chrysene-d12	14.04	240	441955	20.00	ng		0.00
86) Perylene-d12	15.51	264	407197	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1888480	134.78	ng		0.00
7) Phenol-d6	6.51	99	2234432	133.66	ng		0.01
23) Nitrobenzene-d5	7.46	82	1966907	135.93	ng		0.01
41) 2,4,6-Tribromophenol	10.72	330	484855	140.68	ng		0.01
44) 2-Fluorobiphenyl	9.25	172	3072739	121.55	ng		0.00
78) Terphenyl-d14	12.99	244	2528337	118.78	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.66	88	493372	70.558	ng	#	84
3) Pyridine	3.43	79	1427507	74.756	ng	#	82
4) n-Nitrosodimethylamine	3.40	42	625524	78.225	ng		92
6) Aniline	6.56	93	1766757	74.992	ng		94
8) 2-Chlorophenol	6.67	128	964598	68.642	ng		94
9) Benzaldehyde	6.43	77	825376	71.107	ng		98
10) Phenol	6.53	94	1208986m	63.994	ng		
11) bis(2-Chloroethyl)ether	6.62	93	1019044	70.867	ng		90
12) 1,3-Dichlorobenzene	6.82	146	1099637	67.882	ng		98
13) 1,4-Dichlorobenzene	6.90	146	1091838	67.545	ng		99
14) 1,2-Dichlorobenzene	7.06	146	966883	64.625	ng		100
15) Benzyl Alcohol	7.03	79	870467	71.185	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.16	45	1965049	74.131	ng		96
17) 2-Methylphenol	7.13	107	928010	73.205	ng		99
18) Hexachloroethane	7.40	117	398418	69.994	ng		96
19) n-Nitroso-di-n-propylamine	7.31	70	769224	70.215	ng		91
20) 3+4-Methylphenols	7.29	107	1036801	68.117	ng	#	77
22) Acetophenone	7.30	105	1393014	67.992	ng	#	91
24) Nitrobenzene	7.47	77	1110241	71.403	ng		97
25) Isophorone	7.71	82	2170752	75.923	ng		99
26) 2-Nitrophenol	7.78	139	514355	79.035	ng		96
27) 2,4-Dimethylphenol	7.82	122	899323	73.993	ng		100
28) bis(2-Chloroethoxy)methane	7.92	93	1208043	69.976	ng		100
29) 2,4-Dichlorophenol	8.02	162	837467	72.566	ng		97
30) 1,2,4-Trichlorobenzene	8.10	180	859246	71.179	ng		99
31) Naphthalene	8.19	128	2785147	65.550	ng		99
32) Benzoic acid	7.96	122	807161	87.579	ng		98
33) 4-Chloroaniline	8.23	127	1252536	69.067	ng		96
34) Hexachlorobutadiene	8.30	225	439157	68.728	ng		99
35) Caprolactam	8.64	113	306317	77.315	ng	#	69
36) 4-Chloro-3-methylphenol	8.72	107	918815	72.732	ng		97
37) 2-Methylnaphthalene	8.88	142	1852325	66.221	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	704905	63.088	ng		99
40) Hexachlorocyclopentadiene	9.03	237	414989	67.914	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	565393	73.431	ng		99
43) 2,4,5-Trichlorophenol	9.19	196	605484	69.577	ng		98
45) 1,1'-Biphenyl	9.35	154	2159636	61.865	ng		99
46) 2-Chloronaphthalene	9.37	162	1758788	64.971	ng		99
47) 2-Nitroaniline	9.46	65	653199	80.554	ng		88
48) Acenaphthylene	9.79	152	2729282	63.530	ng		98
49) Dimethylphthalate	9.65	163	2189524	69.108	ng		99
50) 2,6-Dinitrotoluene	9.71	165	479570	75.777	ng		94
51) Acenaphthene	9.96	154	1644477	63.067	ng		98
52) 3-Nitroaniline	9.88	138	597898	74.857	ng		99
53) 2,4-Dinitrophenol	9.97	184	154883	80.317	ng	#	18
54) Dibenzofuran	10.13	168	2243793	62.700	ng		95
55) 4-Nitrophenol	10.03	139	459699	77.231	ng		94
56) 2,4-Dinitrotoluene	10.11	165	624815	78.769	ng		93
57) Fluorene	10.47	166	1613099	65.205	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.24	232	432650	69.833	ng		99
59) Diethylphthalate	10.35	149	2092631	66.400	ng		99
60) 4-Chlorophenyl-phenylether	10.46	204	714172	67.796	ng		99
61) 4-Nitroaniline	10.50	138	575985	75.987	ng		96
62) Azobenzene	10.62	77	2066235	65.896	ng		96
64) 4,6-Dinitro-2-methylphenol	10.52	198	263695	79.111	ng		94
65) n-Nitrosodiphenylamine	10.59	169	1633530	64.351	ng		100
66) 4-Bromophenyl-phenylether	10.95	248	496400	69.340	ng		96
67) Hexachlorobenzene	11.02	284	555111	71.028	ng		97
68) Atrazine	11.11	200	512520	69.863	ng		99
69) Pentachlorophenol	11.20	266	373096	78.287	ng		97
70) Phenanthrene	11.43	178	2457401	62.058	ng		99
71) Anthracene	11.49	178	2529448	62.984	ng		99
72) Carbazole	11.64	167	2467185	62.502	ng		98
73) Di-n-butylphthalate	11.96	149	3058303	63.151	ng		99
74) Fluoranthene	12.62	202	2469066	63.375	ng		99
76) Benzidine	12.74	184	1514540	70.967	ng	#	93
77) Pyrene	12.85	202	2578892	66.014	ng		99
79) Butylbenzylphthalate	13.46	149	1307201	72.912	ng		97
80) Benzo(a)anthracene	14.03	228	1990947	70.606	ng		98
81) 3,3'-Dichlorobenzidine	14.00	252	779353	74.645	ng	#	96
82) Chrysene	14.07	228	1992990	67.782	ng		100
83) Bis(2-ethylhexyl)phthalate	14.02	149	1569701	76.323	ng		100
84) Di-n-octyl phthalate	14.63	149	2641739	77.405	ng		97
85) Indeno(1,2,3-cd)pyrene	17.00	276	1818210	84.962	ng		99
87) Benzo(b)fluoranthene	15.09	252	2142574	80.698	ng		97
88) Benzo(k)fluoranthene	15.12	252	1631116	63.684	ng		100
89) Benzo(a)pyrene	15.46	252	1782151	74.592	ng		99
90) Dibenzo(a,h)anthracene	17.03	278	1464357	76.804	ng		99
91) Benzo(g,h,i)perylene	17.46	276	1514438	78.852	ng		98

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

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