Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081717\
Data File : BF097787.D
Acq On : 17 Aug 2017 15:44
Operator : SJ/JU
Sample : PB101441BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB101441BS

Manual Integrations APPROVED
Sohil
8/18/2017 7:03:32 PM

Quant Time: Aug 18 11:39:43 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 15 13:25:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	184871	20.00	ng		-0.01
21) Naphthalene-d8	8.06	136	731507	20.00	ng		0.00
38) Acenaphthene-d10	9.82	164	320331	20.00	ng		0.00
63) Phenanthrene-d10	11.30	188	599878	20.00	ng		0.00
75) Chrysene-d12	13.93	240	442580	20.00	ng		0.00
86) Perylene-d12	15.36	264	338455	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	1485583	122.23	ng		0.02
7) Phenol-d6	6.42	99	1990795	120.55	ng		0.01
23) Nitrobenzene-d5	7.35	82	1225415	91.00	ng		0.00
41) 2,4,6-Tribromophenol	10.61	330	387421	139.39	ng		0.00
44) 2-Fluorobiphenyl	9.14	172	1798447	82.49	ng		0.00
78) Terphenyl-d14	12.89	244	1500872	70.72	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.61	88	242317	35.750	ng		88
3) Pyridine	3.32	79	698110	37.256	ng	#	84
4) n-Nitrosodimethylamine	3.28	42	263380	36.530	ng	#	77
6) Aniline	6.45	93	618450	26.659	ng		96
8) 2-Chlorophenol	6.57	128	511103	39.875	ng		98
9) Benzaldehyde	6.32	77	244075	23.334	ng		87
10) Phenol	6.43	94	729922	37.793	ng		99
11) bis(2-Chloroethyl)ether	6.52	93	564806	38.746	ng		95
12) 1,3-Dichlorobenzene	6.72	146	519573m	37.685	ng		
13) 1,4-Dichlorobenzene	6.79	146	520423	37.114	ng	#	93
14) 1,2-Dichlorobenzene	6.95	146	483413	37.388	ng		98
15) Benzyl Alcohol	6.92	79	502429	40.638	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.06	45	750634	38.272	ng		91
17) 2-Methylphenol	7.03	107	469223	41.541	ng		97
18) Hexachloroethane	7.29	117	211309	38.437	ng	#	81
19) n-Nitroso-di-n-propylamine	7.20	70	418477	37.018	ng		90
20) 3+4-Methylphenols	7.19	107	543885	39.423	ng		98
22) Acetophenone	7.19	105	748413	38.728	ng	#	89
24) Nitrobenzene	7.36	77	634458	42.317	ng		94
25) Isophorone	7.60	82	1158044	41.359	ng		97
26) 2-Nitrophenol	7.67	139	256408	47.292	ng	#	80
27) 2,4-Dimethylphenol	7.72	122	472515	40.464	ng		94
28) bis(2-Chloroethoxy)methane	7.82	93	725728	39.425	ng		99
29) 2,4-Dichlorophenol	7.92	162	402699	41.544	ng		92
30) 1,2,4-Trichlorobenzene	8.00	180	414225	38.548	ng		99
31) Naphthalene	8.08	128	1463438	38.536	ng		100
32) Benzoic acid	7.86	122	306603	37.633	ng		88
33) 4-Chloroaniline	8.13	127	303027	18.920	ng		99
34) Hexachlorobutadiene	8.20	225	241096	38.427	ng		98
35) Caprolactam	8.51	113	155878m	47.302	ng		
36) 4-Chloro-3-methylphenol	8.62	107	483013	38.783	ng	#	82
37) 2-Methylnaphthalene	8.77	142	938475	40.307	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	373699	38.013	ng	#	98
40) Hexachlorocyclopentadiene	8.93	237	486568	103.024	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	275482	41.739	ng		98
43) 2,4,5-Trichlorophenol	9.09	196	276075	42.163	ng		98
45) 1,1'-Biphenyl	9.24	154	1100622	37.678	ng		97
46) 2-Chloronaphthalene	9.26	162	807220	37.400	ng	#	91
47) 2-Nitroaniline	9.36	65	313081	43.269	ng		95
48) Acenaphthylene	9.68	152	1320436	38.958	ng		99
49) Dimethylphthalate	9.55	163	948353	40.501	ng		99
50) 2,6-Dinitrotoluene	9.60	165	205712	44.013	ng	#	69
51) Acenaphthene	9.85	154	803086	37.569	ng		99
52) 3-Nitroaniline	9.77	138	148756	24.668	ng		89
53) 2,4-Dinitrophenol	9.87	184	188721	84.264	ng	#	78
54) Dibenzofuran	10.02	168	1166709	40.724	ng		100
55) 4-Nitrophenol	9.94	139	379030	78.794	ng	#	48
56) 2,4-Dinitrotoluene	10.01	165	275158	46.911	ng	#	71
57) Fluorene	10.36	166	856111	38.651	ng		95
58) 2,3,4,6-Tetrachlorophenol	10.14	232	229727	45.315	ng		93
59) Diethylphthalate	10.25	149	947735	38.705	ng		99
60) 4-Chlorophenyl-phenylether	10.36	204	398497	38.726	ng		88
61) 4-Nitroaniline	10.39	138	232470	40.561	ng		76
62) Azobenzene	10.52	77	1126956	38.746	ng		93
64) 4,6-Dinitro-2-methylphenol	10.42	198	125705	45.081	ng	#	70
65) n-Nitrosodiphenylamine	10.48	169	789184	38.633	ng		98
66) 4-Bromophenyl-phenylether	10.85	248	248418	39.879	ng		98
67) Hexachlorobenzene	10.91	284	250347	39.429	ng	#	91
68) Atrazine	11.01	200	237832	43.901	ng		98
69) Pentachlorophenol	11.10	266	286785	77.467	ng		98
70) Phenanthrene	11.33	178	1239632	38.780	ng		99
71) Anthracene	11.37	178	1270714	39.193	ng		100
72) Carbazole	11.53	167	1208785	39.278	ng		99
73) Di-n-butylphthalate	11.87	149	1420093	40.060	ng		99
74) Fluoranthene	12.51	202	1291446	38.707	ng		99
76) Benzidine	12.63	184	489047m	33.701	ng		
77) Pyrene	12.74	202	1327357	36.669	ng		98
79) Butylbenzylphthalate	13.36	149	592573	42.698	ng	#	76
80) Benzo(a)anthracene	13.92	228	999091	37.665	ng		99
81) 3,3'-Dichlorobenzidine	13.89	252	227524	25.419	ng	#	96
82) Chrysene	13.96	228	985636	37.353	ng		100
83) Bis(2-ethylhexyl)phthalate	13.92	149	661989	43.046	ng	#	99
84) Di-n-octyl phthalate	14.53	149	1165575	43.559	ng		99
85) Indeno(1,2,3-cd)pyrene	16.76	276	765930	39.458	ng		95
87) Benzo(b)fluoranthene	14.95	252	842470	39.490	ng		99
88) Benzo(k)fluoranthene	14.98	252	814655	40.645	ng	#	95
89) Benzo(a)pyrene	15.30	252	788968	41.775	ng		97
90) Dibenzo(a,h)anthracene	16.78	278	638939	41.555	ng		98
91) Benzo(g,h,i)perylene	17.18	276	636786	39.692	ng		93

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

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