Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071117\
Data File : BF096637.D
Acq On : 11 Jul 2017 11:53
Operator : SJ/JU
Sample : PB100537BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB100537BS

Manual Integrations APPROVED
mohammad
7/12/2017 4:49:33 PM

Quant Time: Jul 11 17:09:51 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 07 13:02:33 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	99520	20.00	ng		-0.01
21) Naphthalene-d8	7.97	136	417799	20.00	ng		-0.02
38) Acenaphthene-d10	9.72	164	179775	20.00	ng		-0.01
63) Phenanthrene-d10	11.20	188	304439	20.00	ng		-0.01
75) Chrysene-d12	13.83	240	161357	20.00	ng		-0.02
86) Perylene-d12	15.23	264	187809	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	761630	112.96	ng		0.00
7) Phenol-d6	6.33	99	904872	109.16	ng		-0.01
23) Nitrobenzene-d5	7.25	82	535753	77.06	ng		-0.02
41) 2,4,6-Tribromophenol	10.51	330	180851	128.79	ng		-0.01
44) 2-Fluorobiphenyl	9.05	172	968486	92.11	ng		-0.01
78) Terphenyl-d14	12.78	244	657010	87.01	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.36	88	87354	27.322	ng	#	72
3) Pyridine	3.05	79	250719	28.580	ng	#	65
4) n-Nitrosodimethylamine	2.99	42	153919	35.548	ng	#	83
6) Aniline	6.35	93	338669	31.611	ng	#	45
8) 2-Chlorophenol	6.47	128	281785	39.189	ng		95
9) Benzaldehyde	6.23	77	142883	27.543	ng		98
10) Phenol	6.35	94	332642	35.225	ng	#	71
11) bis(2-Chloroethyl)ether	6.43	93	266875	36.569	ng		91
12) 1,3-Dichlorobenzene	6.63	146	295187	39.153	ng		99
13) 1,4-Dichlorobenzene	6.70	146	298026	39.549	ng		95
14) 1,2-Dichlorobenzene	6.86	146	277241	40.070	ng		98
15) Benzyl Alcohol	6.83	79	226345	40.849	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.97	45	563927	38.010	ng		92
17) 2-Methylphenol	6.95	107	224128	39.113	ng		97
18) Hexachloroethane	7.20	117	108110	39.573	ng	#	78
19) n-Nitroso-di-n-propylamine	7.11	70	179087	36.265	ng	#	85
20) 3+4-Methylphenols	7.10	107	269090	42.101	ng		90
22) Acetophenone	7.10	105	362256	39.682	ng	#	95
24) Nitrobenzene	7.27	77	272251	37.326	ng		93
25) Isophorone	7.52	82	497819	36.928	ng		95
26) 2-Nitrophenol	7.59	139	156118	40.439	ng	#	88
27) 2,4-Dimethylphenol	7.63	122	255140	38.813	ng		97
28) bis(2-Chloroethoxy)methane	7.73	93	338173	38.002	ng		99
29) 2,4-Dichlorophenol	7.83	162	233859	41.233	ng		98
30) 1,2,4-Trichlorobenzene	7.92	180	220631	41.239	ng		99
31) Naphthalene	7.99	128	798919	40.505	ng		99
32) Benzoic acid	7.76	122	149072	27.002	ng		92
33) 4-Chloroaniline	8.04	127	252523	30.823	ng		96
34) Hexachlorobutadiene	8.12	225	116920	42.608	ng		98
35) Caprolactam	8.41	113	75388m	38.547	ng		
36) 4-Chloro-3-methylphenol	8.53	107	244639	38.982	ng		93
37) 2-Methylnaphthalene	8.68	142	540802	43.074	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.85	216	188522	40.387	ng		99
40) Hexachlorocyclopentadiene	8.85	237	189458	83.473	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.96	196	144578	39.153	ng		95
43) 2,4,5-Trichlorophenol	9.00	196	155059	42.469	ng		97
45) 1,1'-Biphenyl	9.15	154	612751	39.780	ng		98
46) 2-Chloronaphthalene	9.17	162	475506	41.423	ng	#	92
47) 2-Nitroaniline	9.26	65	164857	39.469	ng		96
48) Acenaphthylene	9.59	152	748400	41.145	ng		98
49) Dimethylphthalate	9.45	163	569087	42.405	ng		98
50) 2,6-Dinitrotoluene	9.51	165	122256	41.195	ng	#	89
51) Acenaphthene	9.76	154	434318	38.737	ng		99
52) 3-Nitroaniline	9.67	138	109729	29.644	ng		85
53) 2,4-Dinitrophenol	9.79	184	79380	50.360	ng	#	69
54) Dibenzofuran	9.93	168	660894	44.646	ng		99
55) 4-Nitrophenol	9.85	139	188504	61.442	ng	#	65
56) 2,4-Dinitrotoluene	9.91	165	160742	42.771	ng	#	78
57) Fluorene	10.27	166	475309	45.464	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.05	232	116313	46.045	ng	#	97
59) Diethylphthalate	10.15	149	540943	42.644	ng		99
60) 4-Chlorophenyl-phenylether	10.26	204	202575	44.534	ng		94
61) 4-Nitroaniline	10.29	138	126148	37.480	ng		89
62) Azobenzene	10.42	77	519996	42.394	ng		92
64) 4,6-Dinitro-2-methylphenol	10.32	198	61879	29.472	ng		86
65) n-Nitrosodiphenylamine	10.38	169	441092	41.294	ng		98
66) 4-Bromophenyl-phenylether	10.75	248	129878	43.825	ng		96
67) Hexachlorobenzene	10.82	284	134510	41.462	ng		95
68) Atrazine	10.91	200	123257	40.390	ng		94
69) Pentachlorophenol	11.01	266	126695	65.893	ng		99
70) Phenanthrene	11.23	178	711813	43.252	ng		99
71) Anthracene	11.27	178	731271	43.605	ng		100
72) Carbazole	11.43	167	645063	38.247	ng		98
73) Di-n-butylphthalate	11.77	149	832960	40.775	ng		98
74) Fluoranthene	12.40	202	603534	37.404	ng		99
76) Benzidine	12.53	184	247792	32.005	ng	#	91
77) Pyrene	12.63	202	598096	46.179	ng		99
79) Butylbenzylphthalate	13.26	149	272552	41.571	ng	#	81
80) Benzo(a)anthracene	13.82	228	419115	44.854	ng		100
81) 3,3'-Dichlorobenzidine	13.78	252	150396	39.188	ng		97
82) Chrysene	13.86	228	427879	43.728	ng		98
83) Bis(2-ethylhexyl)phthalate	13.82	149	338213	46.214	ng		99
84) Di-n-octyl phthalate	14.43	149	620982	43.088	ng	#	93
85) Indeno(1,2,3-cd)pyrene	16.58	276	566623	73.361	ng		97
87) Benzo(b)fluoranthene	14.83	252	456067	38.755	ng		96
88) Benzo(k)fluoranthene	14.86	252	459273	43.629	ng		96
89) Benzo(a)pyrene	15.17	252	444587	42.315	ng		98
90) Dibenzo(a,h)anthracene	16.59	278	452128	54.701	ng		97
91) Benzo(g,h,i)perylene	16.98	276	502049	58.617	ng		99

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

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