Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100817\
Data File : BF099229.D
Acq On : 8 Oct 2017 13:45
Operator : SJ/JU
Sample : PB102980BSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB102980BSD

Manual Integrations APPROVED
Sohil
10/9/2017 6:35:56 PM

Quant Time: Oct 09 01:41:18 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 05 17:20:48 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	107861	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	459466	20.00	ng		0.00
38) Acenaphthene-d10	9.90	164	213948	20.00	ng		0.00
63) Phenanthrene-d10	11.39	188	387462	20.00	ng		0.00
75) Chrysene-d12	14.03	240	288667	20.00	ng		0.00
86) Perylene-d12	15.51	264	221975	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	593436	87.58	ng		0.01
7) Phenol-d6	6.50	99	720377	86.19	ng		0.00
23) Nitrobenzene-d5	7.43	82	624521	87.17	ng		0.00
41) 2,4,6-Tribromophenol	10.70	330	157091	89.73	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	1149178	89.67	ng		0.00
78) Terphenyl-d14	12.97	244	1114835	87.83	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.66	88	108736	33.595	ng		96
3) Pyridine	3.45	79	321666	36.738	ng		94
4) n-Nitrosodimethylamine	3.39	42	127304	34.287	ng	#	79
6) Aniline	6.53	93	383543	33.999	ng		99
8) 2-Chlorophenol	6.65	128	318543	41.514	ng		97
9) Benzaldehyde	6.42	77	123115	25.392	ng		96
10) Phenol	6.52	94	399930	42.783	ng		97
11) bis(2-Chloroethyl)ether	6.60	93	290299	39.946	ng		95
12) 1,3-Dichlorobenzene	6.80	146	331899	41.302	ng		98
13) 1,4-Dichlorobenzene	6.88	146	332482	40.666	ng		99
14) 1,2-Dichlorobenzene	7.04	146	311958	41.294	ng		96
15) Benzyl Alcohol	7.01	79	249811	40.740	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.14	45	423608	37.414	ng		95
17) 2-Methylphenol	7.12	107	262271	41.774	ng		97
18) Hexachloroethane	7.37	117	116427	39.618	ng		97
19) n-Nitroso-di-n-propylamine	7.28	70	194889	36.520	ng		94
20) 3+4-Methylphenols	7.27	107	310819	39.133	ng	#	70
22) Acetophenone	7.27	105	408940	36.735	ng	#	96
24) Nitrobenzene	7.45	77	311105	38.279	ng		95
25) Isophorone	7.69	82	582977	39.356	ng		99
26) 2-Nitrophenol	7.76	139	174972	44.770	ng		94
27) 2,4-Dimethylphenol	7.80	122	284994	38.613	ng		97
28) bis(2-Chloroethoxy)methane	7.89	93	371715	40.268	ng		99
29) 2,4-Dichlorophenol	8.00	162	262945	41.494	ng		99
30) 1,2,4-Trichlorobenzene	8.09	180	262783	41.462	ng		100
31) Naphthalene	8.17	128	883612	40.947	ng		99
32) Benzoic acid	7.93	122	153314	25.288	ng		99
33) 4-Chloroaniline	8.22	127	267097	29.639	ng	#	94
34) Hexachlorobutadiene	8.28	225	129928	39.800	ng		99
35) Caprolactam	8.59	113	90643m	44.592	ng		
36) 4-Chloro-3-methylphenol	8.70	107	282155	39.614	ng		95
37) 2-Methylnaphthalene	8.86	142	617389	44.010	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	244609	38.337	ng		99
40) Hexachlorocyclopentadiene	9.01	237	167517	57.450	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	172117	38.078	ng		99
43) 2,4,5-Trichlorophenol	9.19	196	184263	40.836	ng		93
45) 1,1'-Biphenyl	9.33	154	715485	38.911	ng		98
46) 2-Chloronaphthalene	9.35	162	561688	40.685	ng		99
47) 2-Nitroaniline	9.45	65	167979	39.737	ng		90
48) Acenaphthylene	9.77	152	864680	40.914	ng		100
49) Dimethylphthalate	9.63	163	663426	41.085	ng		100
50) 2,6-Dinitrotoluene	9.69	165	151421	43.073	ng	#	85
51) Acenaphthene	9.94	154	501375	37.451	ng		99
52) 3-Nitroaniline	9.86	138	135140	32.969	ng		89
53) 2,4-Dinitrophenol	9.97	184	99908	56.438	ng	#	87
54) Dibenzofuran	10.11	168	767486	43.057	ng		99
55) 4-Nitrophenol	10.03	139	235812	68.036	ng		89
56) 2,4-Dinitrotoluene	10.10	165	200345	43.912	ng		89
57) Fluorene	10.46	166	603105	42.096	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.23	232	138040	44.286	ng		96
59) Diethylphthalate	10.32	149	637570	40.407	ng		98
60) 4-Chlorophenyl-phenylether	10.45	204	267794	41.611	ng		92
61) 4-Nitroaniline	10.48	138	176094	44.529	ng		89
62) Azobenzene	10.60	77	599778	41.341	ng		94
64) 4,6-Dinitro-2-methylphenol	10.51	198	81938	34.757	ng	#	75
65) n-Nitrosodiphenylamine	10.56	169	539549	40.196	ng		99
66) 4-Bromophenyl-phenylether	10.93	248	157339	41.486	ng		94
67) Hexachlorobenzene	11.00	284	160198	39.548	ng		94
68) Atrazine	11.09	200	172662	42.754	ng		99
69) Pentachlorophenol	11.20	266	148707	58.988	ng		98
70) Phenanthrene	11.42	178	868920	41.896	ng		99
71) Anthracene	11.47	178	900507	42.435	ng		99
72) Carbazole	11.63	167	853910	41.091	ng		99
73) Di-n-butylphthalate	11.94	149	1009708	40.367	ng		98
74) Fluoranthene	12.61	202	898970	42.805	ng		97
76) Benzidine	12.73	184	472492	44.254	ng		98
77) Pyrene	12.84	202	918381	41.722	ng		100
79) Butylbenzylphthalate	13.44	149	429124	41.481	ng		93
80) Benzo(a)anthracene	14.02	228	747609	42.771	ng		99
81) 3,3'-Dichlorobenzidine	13.98	252	196886	30.726	ng		100
82) Chrysene	14.06	228	698186	41.955	ng		99
83) Bis(2-ethylhexyl)phthalate	14.00	149	580410	40.746	ng		99
84) Di-n-octyl phthalate	14.61	149	895282	39.032	ng		95
85) Indeno(1,2,3-cd)pyrene	17.00	276	492632	37.007	ng		96
87) Benzo(b)fluoranthene	15.07	252	618591m	45.325	ng		
88) Benzo(k)fluoranthene	15.11	252	559009	41.469	ng		98
89) Benzo(a)pyrene	15.44	252	543748	43.403	ng	#	96
90) Dibenzo(a,h)anthracene	17.01	278	405155	40.411	ng		96
91) Benzo(g,h,i)perylene	17.45	276	420199	42.400	ng		94

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

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