Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032718\
Data File : BF103971.D
Acq On : 27 Mar 2018 15:58
Operator : JU/SJ
Sample : PB107636BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB107636BS

Manual Integrations APPROVED
Sohil
3/28/2018 4:54:06 PM

Quant Time: Mar 28 04:39:01 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 23 13:26:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	132776	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	556091	20.00	ng		0.00
38) Acenaphthene-d10	10.02	164	270456	20.00	ng		0.00
63) Phenanthrene-d10	11.51	188	499696	20.00	ng		0.00
75) Chrysene-d12	14.16	240	396449	20.00	ng		0.00
86) Perylene-d12	15.70	264	366546	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	959391	109.90	ng		0.02
7) Phenol-d6	6.61	99	1136198	106.39	ng		0.01
23) Nitrobenzene-d5	7.54	82	693964	87.03	ng		0.00
41) 2,4,6-Tribromophenol	10.81	330	326146	140.25	ng		0.00
44) 2-Fluorobiphenyl	9.33	172	1336265	78.81	ng		0.00
78) Terphenyl-d14	13.09	244	1341821	78.56	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.93	88	129211	30.060	ng	#	88
3) Pyridine	3.70	79	352587m	29.822	ng		
4) n-Nitrosodimethylamine	3.66	42	141994m	32.573	ng		
6) Aniline	6.65	93	256727	16.834	ng		96
8) 2-Chlorophenol	6.76	128	371288	40.601	ng		95
9) Benzaldehyde	6.53	77	80757	11.510	ng		93
10) Phenol	6.62	94	440197	38.788	ng		97
11) bis(2-Chloroethyl)ether	6.70	93	346191	36.952	ng		95
12) 1,3-Dichlorobenzene	6.91	146	381716	36.649	ng		98
13) 1,4-Dichlorobenzene	6.99	146	384679	36.755	ng		99
14) 1,2-Dichlorobenzene	7.14	146	357464	36.807	ng		99
15) Benzyl Alcohol	7.12	79	300039	36.259	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.24	45	419446	31.478	ng		80
17) 2-Methylphenol	7.22	107	307996	37.821	ng		97
18) Hexachloroethane	7.48	117	139083	37.779	ng		98
19) n-Nitroso-di-n-propylamine	7.38	70	233291	34.085	ng		92
20) 3+4-Methylphenols	7.37	107	367418	35.551	ng	#	73
22) Acetophenone	7.38	105	472646	33.071	ng	#	98
24) Nitrobenzene	7.56	77	368274	39.338	ng		93
25) Isophorone	7.79	82	691800	37.476	ng		99
26) 2-Nitrophenol	7.87	139	204764	55.621	ng		93
27) 2,4-Dimethylphenol	7.90	122	344469	43.558	ng		99
28) bis(2-Chloroethoxy)methane	8.00	93	445921	39.892	ng		100
29) 2,4-Dichlorophenol	8.11	162	313687	43.599	ng		97
30) 1,2,4-Trichlorobenzene	8.19	180	314853	37.730	ng		99
31) Naphthalene	8.27	128	1048503	37.325	ng		100
32) Benzoic acid	8.04	122	234312	43.231	ng		94
33) 4-Chloroaniline	8.33	127	146489	12.430	ng		96
34) Hexachlorobutadiene	8.38	225	169802	37.113	ng		97
35) Caprolactam	8.70	113	102948m	41.554	ng		
36) 4-Chloro-3-methylphenol	8.81	107	340354	42.911	ng		99
37) 2-Methylnaphthalene	8.97	142	702706	39.447	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	296621	38.443	ng		98
40) Hexachlorocyclopentadiene	9.12	237	312405	78.467	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	219630	44.502	ng		99
43) 2,4,5-Trichlorophenol	9.29	196	240442	43.165	ng		96
45) 1,1'-Biphenyl	9.43	154	830842	36.841	ng		100
46) 2-Chloronaphthalene	9.46	162	669228	37.361	ng		99
47) 2-Nitroaniline	9.56	65	201647	43.738	ng		97
48) Acenaphthylene	9.87	152	1006661	36.242	ng		99
49) Dimethylphthalate	9.73	163	795184	38.537	ng		99
50) 2,6-Dinitrotoluene	9.80	165	182660	45.947	ng	#	87
51) Acenaphthene	10.05	154	589656	35.752	ng		99
52) 3-Nitroaniline	9.97	138	112322	25.428	ng		92
53) 2,4-Dinitrophenol	10.08	184	176479	110.513	ng	#	18
54) Dibenzofuran	10.22	168	907261	38.516	ng		100
55) 4-Nitrophenol	10.15	139	304601	80.590	ng		95
56) 2,4-Dinitrotoluene	10.20	165	237415	47.084	ng	#	93
57) Fluorene	10.56	166	717806	39.271	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.34	232	194857	49.368	ng		91
59) Diethylphthalate	10.43	149	790565	38.602	ng		98
60) 4-Chlorophenyl-phenylether	10.55	204	335050	40.109	ng		97
61) 4-Nitroaniline	10.60	138	193688	42.531	ng		90
62) Azobenzene	10.71	77	720119	34.585	ng		95
64) 4,6-Dinitro-2-methylphenol	10.62	198	115040	57.277	ng		79
65) n-Nitrosodiphenylamine	10.67	169	642254	37.760	ng		100
66) 4-Bromophenyl-phenylether	11.04	248	207151	40.376	ng	#	89
67) Hexachlorobenzene	11.11	284	227307	38.818	ng		93
68) Atrazine	11.20	200	210037	39.919	ng		99
69) Pentachlorophenol	11.31	266	246356	73.178	ng		96
70) Phenanthrene	11.53	178	1025464	37.515	ng		99
71) Anthracene	11.59	178	1065556	38.381	ng		99
72) Carbazole	11.74	167	979805	36.311	ng		100
73) Di-n-butylphthalate	12.05	149	1215442	37.540	ng		100
74) Fluoranthene	12.73	202	1074171	38.144	ng		97
76) Benzidine	12.84	184	225208	13.319	ng		97
77) Pyrene	12.96	202	1082921	37.195	ng		100
79) Butylbenzylphthalate	13.56	149	517208	40.095	ng		98
80) Benzo(a)anthracene	14.15	228	974905	38.848	ng		98
81) 3,3'-Dichlorobenzidine	14.11	252	188460	22.451	ng		98
82) Chrysene	14.19	228	913229	38.175	ng		99
83) Bis(2-ethylhexyl)phthalate	14.12	149	681980	37.008	ng		99
84) Di-n-octyl phthalate	14.74	149	1187734	44.303	ng		95
85) Indeno(1,2,3-cd)pyrene	17.30	276	807877	38.671	ng		96
87) Benzo(b)fluoranthene	15.25	252	904310	39.050	ng		99
88) Benzo(k)fluoranthene	15.28	252	846518	38.028	ng		99
89) Benzo(a)pyrene	15.64	252	822942	39.180	ng		99
90) Dibenzo(a,h)anthracene	17.31	278	663716	36.493	ng		98
91) Benzo(g,h,i)perylene	17.78	276	658722	37.230	ng		96

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

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