Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030218\
Data File : BF103356.D
Acq On : 2 Mar 2018 10:39
Operator : SJ/JU
Sample : PB106993BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB106993BS

Manual Integrations APPROVED
Sohil
3/5/2018 3:12:51 PM

Quant Time: Mar 02 13:34:18 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 02 13:28:09 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	123800	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	541846	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	246581	20.00	ng		0.00
63) Phenanthrene-d10	11.41	188	412073	20.00	ng		0.00
75) Chrysene-d12	14.06	240	331585	20.00	ng		0.00
86) Perylene-d12	15.57	264	283819	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	139315	17.02	ng		0.00
7) Phenol-d6	6.51	99	179583	17.93	ng		0.00
23) Nitrobenzene-d5	7.43	82	116639	12.29	ng		-0.02
41) 2,4,6-Tribromophenol	10.71	330	30154	14.45	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	205426	9.80	ng		-0.01
78) Terphenyl-d14	12.99	244	194266	14.08	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.67	88	23022	5.325	ng		92
3) Pyridine	3.54	79	64377m	5.578	ng		
4) n-Nitrosodimethylamine	3.43	42	34321m	7.373	ng		
6) Aniline	6.54	93	44399	3.071	ng	#	82
8) 2-Chlorophenol	6.66	128	52624	6.189	ng		95
9) Benzaldehyde	6.43	77	20864	2.221	ng		96
10) Phenol	6.52	94	67926	5.842	ng		98
11) bis(2-Chloroethyl)ether	6.60	93	52082	5.902	ng		94
12) 1,3-Dichlorobenzene	6.82	146	55663	5.728	ng		99
13) 1,4-Dichlorobenzene	6.89	146	57023	5.853	ng		98
14) 1,2-Dichlorobenzene	7.05	146	52651	5.861	ng		97
15) Benzyl Alcohol	7.02	79	43893	5.815	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	88231	5.822	ng		87
17) 2-Methylphenol	7.13	107	44350	5.739	ng	#	87
18) Hexachloroethane	7.38	117	21642	6.102	ng	#	86
19) n-Nitroso-di-n-propylamine	7.27	70	42595	6.833	ng		94
20) 3+4-Methylphenols	7.29	107	54510	5.787	ng	#	87
22) Acetophenone	7.28	105	80315	6.350	ng	#	93
24) Nitrobenzene	7.46	77	59394	5.686	ng		95
25) Isophorone	7.69	82	112135	6.001	ng		96
26) 2-Nitrophenol	7.77	139	25685	5.223	ng	#	89
27) 2,4-Dimethylphenol	7.82	122	49407	6.573	ng		97
28) bis(2-Chloroethoxy)methane	7.90	93	69377	6.315	ng		97
29) 2,4-Dichlorophenol	8.03	162	41779	5.805	ng		99
30) 1,2,4-Trichlorobenzene	8.10	180	41531	5.419	ng		95
31) Naphthalene	8.18	128	159711	6.021	ng		97
32) Benzoic acid	7.94	122	1788	7.188	ng		94
33) 4-Chloroaniline	8.24	127	41898	3.660	ng		95
34) Hexachlorobutadiene	8.29	225	21667	5.429	ng		95
35) Caprolactam	8.58	113	13078	5.171	ng		87
36) 4-Chloro-3-methylphenol	8.72	107	49977	6.157	ng		92
37) 2-Methylnaphthalene	8.87	142	106733	6.226	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	37916	5.625	ng		99
40) Hexachlorocyclopentadiene	9.02	237	4637	10.617	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	24514	5.404	ng		99
43) 2,4,5-Trichlorophenol	9.21	196	27805	5.330	ng	#	90
45) 1,1'-Biphenyl	9.33	154	122615	5.934	ng		99
46) 2-Chloronaphthalene	9.36	162	92550	5.662	ng		100
47) 2-Nitroaniline	9.46	65	35599	5.879	ng		86
48) Acenaphthylene	9.77	152	151702	6.032	ng		98
49) Dimethylphthalate	9.63	163	110255	5.574	ng		99
50) 2,6-Dinitrotoluene	9.70	165	22367	5.388	ng	#	83
51) Acenaphthene	9.95	154	86757	5.916	ng		99
52) 3-Nitroaniline	9.88	138	24244	4.603	ng		89
54) Dibenzofuran	10.12	168	131021	6.508	ng		94
55) 4-Nitrophenol	10.07	139	19528	5.983	ng		88
56) 2,4-Dinitrotoluene	10.12	165	28213	5.374	ng	#	71
57) Fluorene	10.46	166	100258	5.846	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.25	232	16166	4.613	ng	#	90
59) Diethylphthalate	10.32	149	118834	6.281	ng		99
60) 4-Chlorophenyl-phenylether	10.45	204	41176	5.662	ng		92
61) 4-Nitroaniline	10.49	138	26372	5.013	ng		94
62) Azobenzene	10.62	77	109130	5.667	ng		97
64) 4,6-Dinitro-2-methylphenol	10.54	198	106	4.983	ng	#	8
65) n-Nitrosodiphenylamine	10.57	169	82385	5.742	ng		99
66) 4-Bromophenyl-phenylether	10.95	248	23433	5.459	ng		94
67) Hexachlorobenzene	11.02	284	25151	5.398	ng		95
68) Atrazine	11.10	200	24311	5.637	ng		98
69) Pentachlorophenol	11.23	266	7515	3.336	ng		96
70) Phenanthrene	11.43	178	138423	6.104	ng		97
71) Anthracene	11.49	178	144978	6.234	ng		99
72) Carbazole	11.65	167	137181	5.924	ng		98
73) Di-n-butylphthalate	11.96	149	180671	6.235	ng		98
74) Fluoranthene	12.63	202	147085	6.454	ng		97
76) Benzidine	12.76	184	36942	2.980	ng		95
77) Pyrene	12.86	202	147196	5.694	ng		99
79) Butylbenzylphthalate	13.46	149	75209	5.506	ng		100
80) Benzo(a)anthracene	14.05	228	121785	5.661	ng		98
81) 3,3'-Dichlorobenzidine	14.01	252	32181	4.191	ng		98
82) Chrysene	14.09	228	117552	5.627	ng		96
83) Bis(2-ethylhexyl)phthalate	14.02	149	106760	5.792	ng	#	99
84) Di-n-octyl phthalate	14.64	149	160417	5.387	ng	#	100
85) Indeno(1,2,3-cd)pyrene	17.12	276	84942	5.136	ng		94
87) Benzo(b)fluoranthene	15.13	252	101669	5.448	ng		97
88) Benzo(k)fluoranthene	15.16	252	107388	6.111	ng		98
89) Benzo(a)pyrene	15.51	252	94159	5.650	ng	#	97
90) Dibenzo(a,h)anthracene	17.12	278	71164	5.527	ng		94
91) Benzo(g,h,i)perylene	17.57	276	70754	5.622	ng		98

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

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