Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF012518\
Data File : BF102432.D
Acq On : 25 Jan 2018 19:17
Operator : SJ/JU
Sample : PB106012BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB106012BS

Manual Integrations APPROVED
Sohil
1/26/2018 11:24:28 AM

Quant Time: Jan 26 00:36:14 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 25 13:44:56 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	115405	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	481901	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	224149	20.00	ng		0.00
63) Phenanthrene-d10	11.24	188	392634	20.00	ng		0.00
75) Chrysene-d12	13.88	240	284313	20.00	ng		0.00
86) Perylene-d12	15.30	264	231278	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	921608	121.09	ng		0.01
7) Phenol-d6	6.36	99	1097227	119.58	ng		0.00
23) Nitrobenzene-d5	7.29	82	691859	82.50	ng		0.00
41) 2,4,6-Tribromophenol	10.55	330	238925	107.58	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	1276737	83.75	ng		0.00
78) Terphenyl-d14	12.83	244	1167880	92.60	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.43	88	131825	36.453	ng		96
3) Pyridine	3.15	79	371510	39.311	ng		96
4) n-Nitrosodimethylamine	3.10	42	179041	48.325	ng		93
6) Aniline	6.38	93	274963	22.655	ng	#	15
8) 2-Chlorophenol	6.50	128	349947	43.861	ng		97
9) Benzaldehyde	6.26	77	171820	31.422	ng		98
10) Phenol	6.37	94	405748	40.503	ng		80
11) bis(2-Chloroethyl)ether	6.46	93	313056	41.088	ng		97
12) 1,3-Dichlorobenzene	6.66	146	371536	39.155	ng		98
13) 1,4-Dichlorobenzene	6.73	146	378648	39.836	ng		99
14) 1,2-Dichlorobenzene	6.89	146	350882	40.358	ng		98
15) Benzyl Alcohol	6.86	79	271970	42.008	ng		95
16) 2,2'-oxybis(1-Chloropropan	6.99	45	515435	40.336	ng		87
17) 2-Methylphenol	6.98	107	280857	40.532	ng		95
18) Hexachloroethane	7.22	117	135285	40.844	ng		92
19) n-Nitroso-di-n-propylamine	7.13	70	226688	40.369	ng		94
20) 3+4-Methylphenols	7.13	107	347737	42.670	ng	#	72
22) Acetophenone	7.13	105	467804	40.722	ng	#	94
24) Nitrobenzene	7.30	77	352542	41.081	ng		97
25) Isophorone	7.54	82	649290	43.432	ng		99
26) 2-Nitrophenol	7.62	139	194929	43.158	ng		90
27) 2,4-Dimethylphenol	7.66	122	308190	46.992	ng		99
28) bis(2-Chloroethoxy)methane	7.75	93	409684	44.362	ng		99
29) 2,4-Dichlorophenol	7.86	162	295530	44.237	ng		98
30) 1,2,4-Trichlorobenzene	7.94	180	281631	39.327	ng		98
31) Naphthalene	8.02	128	989970	41.145	ng		99
32) Benzoic acid	7.80	122	216662	39.431	ng		97
33) 4-Chloroaniline	8.07	127	133642	13.209	ng		99
34) Hexachlorobutadiene	8.13	225	151639	39.646	ng		99
35) Caprolactam	8.45	113	99819m	45.242	ng		
36) 4-Chloro-3-methylphenol	8.57	107	315891	44.859	ng		100
37) 2-Methylnaphthalene	8.71	142	675626	42.164	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	265600	39.385	ng		99
40) Hexachlorocyclopentadiene	8.86	237	245516	81.351	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	190714	42.245	ng		98
43) 2,4,5-Trichlorophenol	9.04	196	200618	39.469	ng		98
45) 1,1'-Biphenyl	9.17	154	792274	39.530	ng		99
46) 2-Chloronaphthalene	9.20	162	613694	39.393	ng		97
47) 2-Nitroaniline	9.30	65	199351	41.045	ng		95
48) Acenaphthylene	9.62	152	938412	38.664	ng		100
49) Dimethylphthalate	9.48	163	732688	39.546	ng		100
50) 2,6-Dinitrotoluene	9.55	165	160054	40.069	ng		95
51) Acenaphthene	9.79	154	548884	38.722	ng		99
52) 3-Nitroaniline	9.72	138	93789	19.848	ng		94
53) 2,4-Dinitrophenol	9.83	184	154231	85.775	ng	#	20
54) Dibenzofuran	9.96	168	816255	42.549	ng		99
55) 4-Nitrophenol	9.90	139	235702	75.563	ng		94
56) 2,4-Dinitrotoluene	9.95	165	200764	40.871	ng		92
57) Fluorene	10.30	166	647462	42.592	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	158403	43.647	ng		98
59) Diethylphthalate	10.18	149	713815	39.647	ng		99
60) 4-Chlorophenyl-phenylether	10.29	204	279231	42.368	ng		97
61) 4-Nitroaniline	10.33	138	180508	38.281	ng		95
62) Azobenzene	10.46	77	677743	41.116	ng		96
64) 4,6-Dinitro-2-methylphenol	10.36	198	100174	38.242	ng		95
65) n-Nitrosodiphenylamine	10.42	169	584160	40.535	ng		99
66) 4-Bromophenyl-phenylether	10.78	248	176889	41.850	ng		99
67) Hexachlorobenzene	10.85	284	173443	36.692	ng		93
68) Atrazine	10.95	200	190216	44.691	ng		98
69) Pentachlorophenol	11.05	266	183734	73.991	ng		97
70) Phenanthrene	11.26	178	927767	40.550	ng		99
71) Anthracene	11.32	178	964439	41.298	ng		100
72) Carbazole	11.47	167	907793	39.846	ng		99
73) Di-n-butylphthalate	11.80	149	1141627	40.088	ng		99
74) Fluoranthene	12.45	202	960544	41.169	ng		99
76) Benzidine	12.58	184	313180	32.790	ng		98
77) Pyrene	12.68	202	958177	43.589	ng		99
79) Butylbenzylphthalate	13.30	149	468550	42.831	ng		98
80) Benzo(a)anthracene	13.87	228	740920	42.328	ng		99
81) 3,3'-Dichlorobenzidine	13.83	252	157193	24.480	ng		99
82) Chrysene	13.90	228	724610	40.765	ng		98
83) Bis(2-ethylhexyl)phthalate	13.85	149	627781	42.702	ng	#	99
84) Di-n-octyl phthalate	14.47	149	988052	41.327	ng		99
85) Indeno(1,2,3-cd)pyrene	16.70	276	614933	41.889	ng		97
87) Benzo(b)fluoranthene	14.90	252	633621	42.269	ng		99
88) Benzo(k)fluoranthene	14.93	252	578481	40.846	ng		97
89) Benzo(a)pyrene	15.24	252	578277	42.773	ng		98
90) Dibenzo(a,h)anthracene	16.71	278	506150	46.217	ng		97
91) Benzo(g,h,i)perylene	17.12	276	528294	48.855	ng		97

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

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