Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042418\
Data File : BF104774.D
Acq On : 24 Apr 2018 23:15
Operator : JU/SJ
Sample : PB108528BS
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB108528BS

Manual Integrations APPROVED
Sohil
4/25/2018 4:22:27 PM

Quant Time: Apr 25 01:04:45 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 23 15:38:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	97194	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	401774	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	171817	20.00	ng		0.00
63) Phenanthrene-d10	11.34	188	267586	20.00	ng		0.00
75) Chrysene-d12	13.99	240	189587	20.00	ng		0.00
86) Perylene-d12	15.46	264	131063	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	634364	99.80	ng		0.02
7) Phenol-d6	6.46	99	761563	97.51	ng		0.01
23) Nitrobenzene-d5	7.37	82	473437	76.95	ng		0.00
41) 2,4,6-Tribromophenol	10.65	330	168024	94.27	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	877628	80.69	ng		0.00
78) Terphenyl-d14	12.93	244	704610	84.73	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.58	88	76126	25.702	ng	#	87
3) Pyridine	3.32	79	213805	25.675	ng		87
4) n-Nitrosodimethylamine	3.27	42	83620	28.726	ng	#	79
6) Aniline	6.47	93	111819	10.305	ng	#	26
8) 2-Chlorophenol	6.60	128	223469	33.309	ng		96
9) Benzaldehyde	6.36	77	94861	20.265	ng		97
10) Phenol	6.47	94	260919	31.486	ng		88
11) bis(2-Chloroethyl)ether	6.55	93	204755	30.963	ng		94
12) 1,3-Dichlorobenzene	6.75	146	238290	31.351	ng		98
13) 1,4-Dichlorobenzene	6.83	146	242947	32.066	ng		99
14) 1,2-Dichlorobenzene	6.98	146	227620	32.419	ng		99
15) Benzyl Alcohol	6.96	79	177463	29.917	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.08	45	239615	26.981	ng	#	46
17) 2-Methylphenol	7.07	107	183599	31.482	ng	#	90
18) Hexachloroethane	7.32	117	60473	22.386	ng		98
19) n-Nitroso-di-n-propylamine	7.22	70	146298	28.666	ng		94
20) 3+4-Methylphenols	7.23	107	233793	32.324	ng		92
22) Acetophenone	7.22	105	306378	30.974	ng	#	97
24) Nitrobenzene	7.40	77	224327	33.022	ng		92
25) Isophorone	7.63	82	400479	30.780	ng		99
26) 2-Nitrophenol	7.71	139	83644	30.245	ng		96
27) 2,4-Dimethylphenol	7.75	122	196871	34.284	ng		99
28) bis(2-Chloroethoxy)methane	7.84	93	263554	33.130	ng		99
29) 2,4-Dichlorophenol	7.96	162	181219	33.075	ng		99
30) 1,2,4-Trichlorobenzene	8.03	180	191889	31.913	ng		97
31) Naphthalene	8.12	128	629472	31.464	ng		100
32) Benzoic acid	7.86	122	68011m	14.844	ng		
33) 4-Chloroaniline	8.17	127	75878	8.853	ng		97
34) Hexachlorobutadiene	8.23	225	105227	31.950	ng		100
35) Caprolactam	8.54	113	56724	29.678	ng	#	78
36) 4-Chloro-3-methylphenol	8.66	107	189293	32.221	ng		99
37) 2-Methylnaphthalene	8.81	142	413867	31.981	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	178229	36.237	ng		99
40) Hexachlorocyclopentadiene	8.95	237	7683	2.790	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	115246	33.754	ng		98
43) 2,4,5-Trichlorophenol	9.14	196	119436	31.260	ng		95
45) 1,1'-Biphenyl	9.27	154	485701	33.650	ng		100
46) 2-Chloronaphthalene	9.30	162	374877	32.881	ng		100
47) 2-Nitroaniline	9.40	65	118423	42.002	ng		96
48) Acenaphthylene	9.72	152	549401	30.714	ng		99
49) Dimethylphthalate	9.57	163	459814	33.937	ng		100
50) 2,6-Dinitrotoluene	9.64	165	81516	32.514	ng		90
51) Acenaphthene	9.89	154	319309	29.257	ng		99
52) 3-Nitroaniline	9.81	138	108291	36.895	ng		99
53) 2,4-Dinitrophenol	9.93	184	2774	9.080	ng	#	29
54) Dibenzofuran	10.06	168	480153	31.569	ng		98
55) 4-Nitrophenol	9.99	139	114614	49.711	ng		97
56) 2,4-Dinitrotoluene	10.05	165	93640	28.474	ng		98
57) Fluorene	10.40	166	371838	33.588	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.18	232	86254	30.260	ng		93
59) Diethylphthalate	10.27	149	438919	32.527	ng		98
60) 4-Chlorophenyl-phenylether	10.39	204	178914	36.289	ng		94
61) 4-Nitroaniline	10.43	138	103390	36.026	ng		97
62) Azobenzene	10.55	77	363381	28.187	ng		95
64) 4,6-Dinitro-2-methylphenol	10.46	198	3149	9.394	ng		79
65) n-Nitrosodiphenylamine	10.51	169	332875	35.878	ng		99
66) 4-Bromophenyl-phenylether	10.88	248	102924	36.161	ng		93
67) Hexachlorobenzene	10.95	284	108705	33.942	ng	#	90
68) Atrazine	11.04	200	105181	37.558	ng		98
69) Pentachlorophenol	11.15	266	80874	40.818	ng		98
70) Phenanthrene	11.37	178	482252	32.362	ng		98
71) Anthracene	11.42	178	492473	32.511	ng		99
72) Carbazole	11.57	167	440483	29.758	ng		100
73) Di-n-butylphthalate	11.90	149	610167	33.745	ng		98
74) Fluoranthene	12.56	202	467564	30.031	ng		98
76) Benzidine	12.68	184	337524	60.005	ng		98
77) Pyrene	12.79	202	470374	33.472	ng		99
79) Butylbenzylphthalate	13.40	149	223870	33.815	ng		97
80) Benzo(a)anthracene	13.98	228	378367	33.407	ng		99
81) 3,3'-Dichlorobenzidine	13.94	252	141894	33.600	ng		97
82) Chrysene	14.02	228	359822	30.929	ng		98
83) Bis(2-ethylhexyl)phthalate	13.96	149	313835	36.854	ng		99
84) Di-n-octyl phthalate	14.57	149	506077	35.567	ng	#	94
85) Indeno(1,2,3-cd)pyrene	16.93	276	261276	26.438	ng		95
87) Benzo(b)fluoranthene	15.03	252	303398	36.652	ng		98
88) Benzo(k)fluoranthene	15.06	252	260696	33.359	ng		97
89) Benzo(a)pyrene	15.40	252	252095	34.037	ng		100
90) Dibenzo(a,h)anthracene	16.94	278	222306	36.546	ng		96
91) Benzo(g,h,i)perylene	17.37	276	218039	36.997	ng		94

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

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