Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032618\
Data File : BF103931.D
Acq On : 26 Mar 2018 18:10
Operator : JU/SJ
Sample : PB107643BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB107643BSD

Manual Integrations APPROVED
Sohil
3/27/2018 2:15:28 PM

Quant Time: Mar 27 08:08:37 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	126565	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	531169	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	251010	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	472044	20.00	ng	0.00
75) Chrysene-d12	14.17	240	376831	20.00	ng	0.00
86) Perylene-d12	15.71	264	315070	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	912427	109.65	ng	0.01
7) Phenol-d6	6.60	99	1117792	109.80	ng	0.00
23) Nitrobenzene-d5	7.54	82	681879	89.52	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	311872	144.51	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1283922	81.59	ng	0.00
78) Terphenyl-d14	13.10	244	1364416	84.04	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.90	88	130919	31.952	ng	# 88
3) Pyridine	3.67	79	363665	32.269	ng	# 87
4) n-Nitrosodimethylamine	3.63	42	133809	32.201	ng	# 73
6) Aniline	6.64	93	313599	21.573	ng	96
8) 2-Chlorophenol	6.76	128	350089	40.162	ng	94
9) Benzaldehyde	6.53	77	79215	11.844	ng	95
10) Phenol	6.62	94	431519	39.890	ng	93
11) bis(2-Chloroethyl)ether	6.71	93	326095	36.515	ng	92
12) 1,3-Dichlorobenzene	6.92	146	365735	36.838	ng	99
13) 1,4-Dichlorobenzene	6.99	146	372841	37.372	ng	98
14) 1,2-Dichlorobenzene	7.15	146	341747	36.916	ng	98
15) Benzyl Alcohol	7.11	79	295824	37.504	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.24	45	414861	32.662	ng	92
17) 2-Methylphenol	7.22	107	291494	37.551	ng	99
18) Hexachloroethane	7.49	117	135045	38.483	ng	99
19) n-Nitroso-di-n-propylamine	7.38	70	225561	34.573	ng	92
20) 3+4-Methylphenols	7.37	107	361464	36.692	ng	94
22) Acetophenone	7.38	105	460557	33.737	ng	# 93
24) Nitrobenzene	7.56	77	355278	39.730	ng	96
25) Isophorone	7.79	82	650259	36.878	ng	99
26) 2-Nitrophenol	7.87	139	190854	54.504	ng	97
27) 2,4-Dimethylphenol	7.90	122	325932	43.148	ng	100
28) bis(2-Chloroethoxy)methane	8.00	93	420180	39.353	ng	99
29) 2,4-Dichlorophenol	8.11	162	294064	42.789	ng	99
30) 1,2,4-Trichlorobenzene	8.20	180	298488	37.447	ng	98
31) Naphthalene	8.28	128	1001022	37.307	ng	99
32) Benzoic acid	8.02	122	216061	42.077	ng	98
33) 4-Chloroaniline	8.32	127	113496	10.082	ng	96
34) Hexachlorobutadiene	8.39	225	158643	36.301	ng	99
35) Caprolactam	8.70	113	98161m	41.480	ng	
36) 4-Chloro-3-methylphenol	8.80	107	319286	42.143	ng	96
37) 2-Methylnaphthalene	8.97	142	668976	39.315	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	281788	39.350	ng	99
40) Hexachlorocyclopentadiene	9.12	237	297177	80.424	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	205306	44.823	ng		100
43) 2,4,5-Trichlorophenol	9.29	196	219145	42.389	ng		95
45) 1,1'-Biphenyl	9.43	154	788475	37.671	ng		99
46) 2-Chloronaphthalene	9.46	162	629459	37.864	ng		98
47) 2-Nitroaniline	9.56	65	187815	43.870	ng		93
48) Acenaphthylene	9.88	152	967938	37.547	ng		100
49) Dimethylphthalate	9.73	163	756474	39.501	ng		100
50) 2,6-Dinitrotoluene	9.80	165	172866	46.773	ng		92
51) Acenaphthene	10.05	154	566284	36.995	ng		99
52) 3-Nitroaniline	9.97	138	95575	23.630	ng		95
53) 2,4-Dinitrophenol	10.08	184	174900	114.579	ng	#	18
54) Dibenzofuran	10.23	168	865396	39.585	ng		98
55) 4-Nitrophenol	10.13	139	302665	85.931	ng		93
56) 2,4-Dinitrotoluene	10.20	165	235711	49.934	ng		94
57) Fluorene	10.57	166	682801	40.250	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.34	232	180248	49.205	ng		92
59) Diethylphthalate	10.43	149	746583	39.278	ng		98
60) 4-Chlorophenyl-phenylether	10.56	204	318588	41.093	ng		94
61) 4-Nitroaniline	10.59	138	186943	44.080	ng		89
62) Azobenzene	10.72	77	691852	35.802	ng		95
64) 4,6-Dinitro-2-methylphenol	10.62	198	112572	58.632	ng		82
65) n-Nitrosodiphenylamine	10.67	169	612166	38.100	ng		100
66) 4-Bromophenyl-phenylether	11.04	248	199004	41.060	ng		95
67) Hexachlorobenzene	11.12	284	215543	38.965	ng		94
68) Atrazine	11.20	200	203890	41.021	ng		98
69) Pentachlorophenol	11.31	266	229302	72.102	ng		96
70) Phenanthrene	11.54	178	997457	38.628	ng		98
71) Anthracene	11.59	178	1026538	39.142	ng		99
72) Carbazole	11.74	167	963135	37.784	ng		99
73) Di-n-butylphthalate	12.06	149	1179478	38.563	ng		99
74) Fluoranthene	12.73	202	1052594	39.568	ng		100
76) Benzidine	12.84	184	342998	21.341	ng		99
77) Pyrene	12.96	202	1061666	38.363	ng		100
79) Butylbenzylphthalate	13.56	149	513559	41.885	ng		99
80) Benzo(a)anthracene	14.16	228	926178	38.828	ng		99
81) 3,3'-Dichlorobenzidine	14.11	252	185940	23.304	ng		98
82) Chrysene	14.20	228	867320	38.144	ng		99
83) Bis(2-ethylhexyl)phthalate	14.12	149	686957	39.219	ng		99
84) Di-n-octyl phthalate	14.75	149	1140672	44.763	ng	#	94
85) Indeno(1,2,3-cd)pyrene	17.30	276	750825	37.811	ng		97
87) Benzo(b)fluoranthene	15.25	252	834442	41.920	ng		98
88) Benzo(k)fluoranthene	15.29	252	740433	38.696	ng		99
89) Benzo(a)pyrene	15.64	252	735188	40.721	ng		98
90) Dibenzo(a,h)anthracene	17.32	278	618902	39.589	ng		98
91) Benzo(g,h,i)perylene	17.78	276	625757	41.145	ng		97

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

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