Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032318\
Data File : BF103909.D
Acq On : 24 Mar 2018 4:52
Operator : JU/SJ
Sample : PB107612BS
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB107612BS

Manual Integrations APPROVED
Sohil
3/26/2018 4:33:43 PM

Quant Time: Mar 26 13:17:58 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	129084	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	507898	20.00	ng		0.00
38) Acenaphthene-d10	10.02	164	218127	20.00	ng		0.00
63) Phenanthrene-d10	11.51	188	346340	20.00	ng		0.00
75) Chrysene-d12	14.17	240	247612	20.00	ng		0.00
86) Perylene-d12	15.70	264	193213	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	648443	76.41	ng		0.01
7) Phenol-d6	6.60	99	800938	77.14	ng		0.00
23) Nitrobenzene-d5	7.54	82	668891	91.84	ng		0.00
41) 2,4,6-Tribromophenol	10.81	330	172028	91.73	ng		0.00
44) 2-Fluorobiphenyl	9.33	172	1187013	86.81	ng		0.00
78) Terphenyl-d14	13.10	244	937189	87.85	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.89	88	123045	29.444	ng		90
3) Pyridine	3.66	79	355825	30.957	ng	#	86
4) n-Nitrosodimethylamine	3.62	42	136800	32.279	ng		81
6) Aniline	6.64	93	242789	16.376	ng		95
8) 2-Chlorophenol	6.76	128	347653	39.104	ng		92
9) Benzaldehyde	6.53	77	89664	13.145	ng		93
10) Phenol	6.61	94	410582	37.214	ng		96
11) bis(2-Chloroethyl)ether	6.70	93	325109	35.695	ng		96
12) 1,3-Dichlorobenzene	6.92	146	353441	34.905	ng		98
13) 1,4-Dichlorobenzene	6.99	146	359924	35.374	ng		100
14) 1,2-Dichlorobenzene	7.15	146	332068	35.170	ng		99
15) Benzyl Alcohol	7.11	79	277568	34.503	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.24	45	418617	32.314	ng		92
17) 2-Methylphenol	7.22	107	286474	36.184	ng		97
18) Hexachloroethane	7.49	117	94507	26.405	ng		98
19) n-Nitroso-di-n-propylamine	7.38	70	222237	33.398	ng		92
20) 3+4-Methylphenols	7.37	107	352419	35.075	ng		97
22) Acetophenone	7.38	105	444455	34.049	ng	#	95
24) Nitrobenzene	7.56	77	336859	39.396	ng		98
25) Isophorone	7.79	82	632228	37.499	ng		100
26) 2-Nitrophenol	7.87	139	137502	43.395	ng		95
27) 2,4-Dimethylphenol	7.90	122	311428	43.117	ng		99
28) bis(2-Chloroethoxy)methane	8.00	93	411342	40.290	ng		100
29) 2,4-Dichlorophenol	8.11	162	274844	41.825	ng		98
30) 1,2,4-Trichlorobenzene	8.20	180	281011	36.870	ng		99
31) Naphthalene	8.28	128	937480	36.540	ng		99
32) Benzoic acid	8.00	122	185356m	38.770	ng		
33) 4-Chloroaniline	8.32	127	112092	10.414	ng		97
34) Hexachlorobutadiene	8.39	225	150944	36.122	ng		98
35) Caprolactam	8.70	113	93726m	41.421	ng		
36) 4-Chloro-3-methylphenol	8.80	107	292017	40.310	ng		97
37) 2-Methylnaphthalene	8.97	142	620500	38.137	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	259225	41.657	ng		98
40) Hexachlorocyclopentadiene	9.12	237	31846	9.918	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	177244	44.530	ng		98
43) 2,4,5-Trichlorophenol	9.29	196	188517	41.962	ng		95
45) 1,1'-Biphenyl	9.43	154	717248	39.434	ng		99
46) 2-Chloronaphthalene	9.46	162	560396	38.791	ng		99
47) 2-Nitroaniline	9.56	65	173192	46.136	ng		98
48) Acenaphthylene	9.88	152	830697	37.081	ng		99
49) Dimethylphthalate	9.73	163	685111	41.168	ng		100
50) 2,6-Dinitrotoluene	9.80	165	128633	40.624	ng		88
51) Acenaphthene	10.05	154	498010	37.440	ng		98
52) 3-Nitroaniline	9.97	138	151601	39.984	ng		95
53) 2,4-Dinitrophenol	10.07	184	21928	38.033	ng	#	21
54) Dibenzofuran	10.22	168	738479	38.872	ng		98
55) 4-Nitrophenol	10.13	139	217098	71.797	ng		84
56) 2,4-Dinitrotoluene	10.20	165	156634	39.647	ng	#	88
57) Fluorene	10.57	166	558634	37.895	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.34	232	139931	43.957	ng		92
59) Diethylphthalate	10.43	149	654959	39.652	ng		99
60) 4-Chlorophenyl-phenylether	10.56	204	267754	39.743	ng		95
61) 4-Nitroaniline	10.59	138	157511	42.853	ng		92
62) Azobenzene	10.72	77	564004	33.586	ng		95
64) 4,6-Dinitro-2-methylphenol	10.61	198	17129	21.533	ng		95
65) n-Nitrosodiphenylamine	10.67	169	508487	43.133	ng		99
66) 4-Bromophenyl-phenylether	11.05	248	156125	43.905	ng	#	85
67) Hexachlorobenzene	11.12	284	164756	40.594	ng		96
68) Atrazine	11.20	200	149875	41.098	ng		99
69) Pentachlorophenol	11.31	266	150835	64.643	ng		96
70) Phenanthrene	11.54	178	740035	39.061	ng		99
71) Anthracene	11.59	178	762169	39.609	ng		99
72) Carbazole	11.74	167	706180	37.758	ng		99
73) Di-n-butylphthalate	12.06	149	944481	42.087	ng		100
74) Fluoranthene	12.73	202	736625	37.740	ng		100
76) Benzidine	12.85	184	599378	56.755	ng		98
77) Pyrene	12.96	202	730610	40.178	ng		99
79) Butylbenzylphthalate	13.57	149	360609	44.759	ng		93
80) Benzo(a)anthracene	14.16	228	614642	39.215	ng		100
81) 3,3'-Dichlorobenzidine	14.11	252	228724	43.626	ng		97
82) Chrysene	14.19	228	576371	38.576	ng		98
83) Bis(2-ethylhexyl)phthalate	14.12	149	504142	43.802	ng		100
84) Di-n-octyl phthalate	14.75	149	834786	49.854	ng		96
85) Indeno(1,2,3-cd)pyrene	17.29	276	446240	34.200	ng		98
87) Benzo(b)fluoranthene	15.24	252	495490	40.592	ng		99
88) Benzo(k)fluoranthene	15.28	252	471068	40.146	ng		97
89) Benzo(a)pyrene	15.64	252	434712	39.264	ng		99
90) Dibenzo(a,h)anthracene	17.31	278	383318	39.984	ng		99
91) Benzo(g,h,i)perylene	17.77	276	364013	39.030	ng		96

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

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