Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031318\
Data File : BF103598.D
Acq On : 13 Mar 2018 12:34
Operator : SJ/JU
Sample : PB107261BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB107261BS

Manual Integrations APPROVED
Sohil
3/14/2018 1:30:07 PM

Quant Time: Mar 13 14:13:45 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 13 14:02:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	131947	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	561045	20.00	ng		0.00
38) Acenaphthene-d10	9.90	164	247064	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	435378	20.00	ng		0.00
75) Chrysene-d12	14.06	240	338960	20.00	ng		0.00
86) Perylene-d12	15.57	264	345775	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1105388	126.70	ng		0.00
7) Phenol-d6	6.51	99	1232306	115.43	ng		0.00
23) Nitrobenzene-d5	7.43	82	805205	81.96	ng		0.00
41) 2,4,6-Tribromophenol	10.70	330	229835	109.90	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	1162567	79.90	ng		0.00
78) Terphenyl-d14	12.98	244	1106020	78.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.67	88	151014	32.774	ng		90
3) Pyridine	3.52	79	413963m	33.652	ng		
4) n-Nitrosodimethylamine	3.45	42	199389m	40.190	ng		
6) Aniline	6.54	93	235812	15.306	ng	#	50
8) 2-Chlorophenol	6.65	128	380144	41.945	ng		94
9) Benzaldehyde	6.42	77	194216	27.320	ng		95
10) Phenol	6.52	94	461193	37.214	ng		93
11) bis(2-Chloroethyl)ether	6.59	93	348201	37.019	ng		92
12) 1,3-Dichlorobenzene	6.80	146	388941	37.554	ng		97
13) 1,4-Dichlorobenzene	6.87	146	420386	40.485	ng		99
14) 1,2-Dichlorobenzene	7.03	146	367459	38.378	ng		100
15) Benzyl Alcohol	7.02	79	310788	38.634	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.12	45	607617	37.619	ng		51
17) 2-Methylphenol	7.12	107	322586	39.167	ng	#	79
18) Hexachloroethane	7.36	117	145816	38.575	ng		93
19) n-Nitroso-di-n-propylamine	7.27	70	287488	43.271	ng		95
20) 3+4-Methylphenols	7.29	107	432691	43.098	ng	#	76
22) Acetophenone	7.27	105	551580	42.119	ng	#	94
24) Nitrobenzene	7.45	77	431656	39.907	ng		95
25) Isophorone	7.68	82	815794	42.162	ng		96
26) 2-Nitrophenol	7.76	139	211125	41.462	ng		92
27) 2,4-Dimethylphenol	7.80	122	353892	45.468	ng		99
28) bis(2-Chloroethoxy)methane	7.89	93	485833	42.707	ng		99
29) 2,4-Dichlorophenol	8.02	162	327668	43.972	ng		99
30) 1,2,4-Trichlorobenzene	8.08	180	296379	37.349	ng		98
31) Naphthalene	8.16	128	1101061	40.086	ng		100
32) Benzoic acid	7.93	122	40746	12.954	ng		92
33) 4-Chloroaniline	8.24	127	108862	9.184	ng		97
34) Hexachlorobutadiene	8.26	225	145593	35.233	ng		99
35) Caprolactam	8.60	113	115080m	43.941	ng		
36) 4-Chloro-3-methylphenol	8.72	107	357999	42.594	ng		98
37) 2-Methylnaphthalene	8.86	142	710416	40.019	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	264012	39.088	ng		98
40) Hexachlorocyclopentadiene	9.00	237	107355	48.968	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	180143	39.637	ng		100
43) 2,4,5-Trichlorophenol	9.20	196	184598	35.315	ng		96
45) 1,1'-Biphenyl	9.32	154	796838	38.489	ng		99
46) 2-Chloronaphthalene	9.35	162	641527	39.168	ng		99
47) 2-Nitroaniline	9.46	65	262220	43.221	ng		88
48) Acenaphthylene	9.76	152	938214	37.230	ng		100
49) Dimethylphthalate	9.62	163	731534	36.909	ng		100
50) 2,6-Dinitrotoluene	9.70	165	159569	38.365	ng	#	88
51) Acenaphthene	9.93	154	548419	37.321	ng		97
52) 3-Nitroaniline	9.88	138	108063	20.478	ng		97
53) 2,4-Dinitrophenol	10.00	184	56676	42.809	ng	#	21
54) Dibenzofuran	10.11	168	797188	39.520	ng		95
55) 4-Nitrophenol	10.06	139	135548	41.445	ng		88
56) 2,4-Dinitrotoluene	10.11	165	205895	39.141	ng	#	66
57) Fluorene	10.45	166	667988	38.873	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.24	232	148886m	42.401	ng		
59) Diethylphthalate	10.32	149	743905	39.244	ng		99
60) 4-Chlorophenyl-phenylether	10.44	204	292721	40.170	ng		98
61) 4-Nitroaniline	10.50	138	193692	36.749	ng		99
62) Azobenzene	10.60	77	810917	42.027	ng		94
64) 4,6-Dinitro-2-methylphenol	10.53	198	66466	27.451	ng		86
65) n-Nitrosodiphenylamine	10.56	169	588288	38.807	ng		98
66) 4-Bromophenyl-phenylether	10.93	248	169229	37.313	ng		95
67) Hexachlorobenzene	11.00	284	185176	37.617	ng		95
68) Atrazine	11.09	200	179757	39.452	ng		98
69) Pentachlorophenol	11.21	266	114240	47.996	ng		97
70) Phenanthrene	11.42	178	910422	37.997	ng		99
71) Anthracene	11.47	178	985969	40.130	ng		99
72) Carbazole	11.64	167	1029879	42.092	ng		99
73) Di-n-butylphthalate	11.94	149	1230830	40.202	ng		99
74) Fluoranthene	12.62	202	970723	40.317	ng		98
76) Benzidine	12.74	184	348428	27.496	ng		98
77) Pyrene	12.85	202	1002944	37.951	ng		99
79) Butylbenzylphthalate	13.44	149	543550	38.929	ng		92
80) Benzo(a)anthracene	14.04	228	853117	38.790	ng		100
81) 3,3'-Dichlorobenzidine	14.00	252	128842	16.415	ng		95
82) Chrysene	14.09	228	825963	38.678	ng		99
83) Bis(2-ethylhexyl)phthalate	14.00	149	731596	38.828	ng	#	99
84) Di-n-octyl phthalate	14.62	149	1282568	42.130	ng		98
85) Indeno(1,2,3-cd)pyrene	17.13	276	797537	47.175	ng		98
87) Benzo(b)fluoranthene	15.13	252	828668	36.450	ng		99
88) Benzo(k)fluoranthene	15.16	252	824905	38.532	ng		99
89) Benzo(a)pyrene	15.50	252	804680	39.636	ng	#	96
90) Dibenzo(a,h)anthracene	17.12	278	670459	42.738	ng		97
91) Benzo(g,h,i)perylene	17.59	276	679928	44.347	ng		99

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

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