Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041618\
Data File : BF104530.D
Acq On : 16 Apr 2018 13:25
Operator : JU/SJ
Sample : PB108229BSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB108229BSD

Manual Integrations APPROVED
Sohil
4/17/2018 10:08:50 AM

Quant Time: Apr 16 14:57:07 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 16 12:15:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	119790	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	576216	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	251776	20.00	ng		0.00
63) Phenanthrene-d10	11.34	188	391414	20.00	ng		0.00
75) Chrysene-d12	13.99	240	259949	20.00	ng		0.00
86) Perylene-d12	15.46	264	226454	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	752661	96.07	ng		0.02
7) Phenol-d6	6.46	99	873929	90.79	ng		0.00
23) Nitrobenzene-d5	7.38	82	677822	76.81	ng		0.00
41) 2,4,6-Tribromophenol	10.65	330	227794	87.22	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	1315718	82.55	ng		0.00
78) Terphenyl-d14	12.93	244	998234	87.55	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.62	88	177537	48.635	ng		89
3) Pyridine	3.35	79	477552	46.530	ng		89
4) n-Nitrosodimethylamine	3.32	42	177278	49.413	ng		80
6) Aniline	6.47	93	378370	28.293	ng		94
8) 2-Chlorophenol	6.60	128	394052	47.655	ng		95
9) Benzaldehyde	6.36	77	21377	2.106	ng		97
10) Phenol	6.47	94	466703	45.696	ng		81
11) bis(2-Chloroethyl)ether	6.55	93	369260	45.307	ng		93
12) 1,3-Dichlorobenzene	6.75	146	413111	44.100	ng		99
13) 1,4-Dichlorobenzene	6.83	146	416214	44.572	ng		100
14) 1,2-Dichlorobenzene	6.98	146	388619	44.909	ng		98
15) Benzyl Alcohol	6.96	79	317267	43.396	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	467684	42.729	ng		88
17) 2-Methylphenol	7.07	107	322957	44.932	ng		93
18) Hexachloroethane	7.32	117	143659	43.149	ng		98
19) n-Nitroso-di-n-propylamine	7.23	70	251417	39.971	ng		95
20) 3+4-Methylphenols	7.23	107	375730	42.149	ng	#	76
22) Acetophenone	7.22	105	511590	36.063	ng		97
24) Nitrobenzene	7.40	77	407983	41.876	ng		97
25) Isophorone	7.63	82	854034	45.767	ng		99
26) 2-Nitrophenol	7.71	139	222626	56.130	ng		99
27) 2,4-Dimethylphenol	7.75	122	402927	48.926	ng		100
28) bis(2-Chloroethoxy)methane	7.85	93	553368	48.502	ng		99
29) 2,4-Dichlorophenol	7.96	162	364292	46.360	ng		99
30) 1,2,4-Trichlorobenzene	8.04	180	379199	43.972	ng		99
31) Naphthalene	8.12	128	1254748	43.731	ng		100
32) Benzoic acid	7.88	122	255723	38.917	ng		98
33) 4-Chloroaniline	8.17	127	345303	28.091	ng		97
34) Hexachlorobutadiene	8.23	225	202191	42.805	ng		100
35) Caprolactam	8.55	113	122466m	44.676	ng		
36) 4-Chloro-3-methylphenol	8.66	107	387473	45.987	ng		98
37) 2-Methylnaphthalene	8.81	142	825082	44.456	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	344827	47.844	ng		99
40) Hexachlorocyclopentadiene	8.96	237	162056	40.164	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	239631	47.896	ng		99
43) 2,4,5-Trichlorophenol	9.14	196	250148	44.679	ng		97
45) 1,1'-Biphenyl	9.27	154	945346	44.695	ng		99
46) 2-Chloronaphthalene	9.30	162	748808	44.821	ng		98
47) 2-Nitroaniline	9.40	65	240585	58.231	ng		97
48) Acenaphthylene	9.72	152	1124340	42.894	ng		100
49) Dimethylphthalate	9.58	163	911671	45.918	ng		99
50) 2,6-Dinitrotoluene	9.65	165	196226	53.412	ng	#	86
51) Acenaphthene	9.89	154	653461	40.859	ng		100
52) 3-Nitroaniline	9.81	138	174259	40.516	ng		99
53) 2,4-Dinitrophenol	9.92	184	42029	38.164	ng	#	22
54) Dibenzofuran	10.06	168	976041	43.793	ng		98
55) 4-Nitrophenol	9.99	139	300685	88.998	ng		90
56) 2,4-Dinitrotoluene	10.05	165	244185	50.671	ng		99
57) Fluorene	10.40	166	713956	44.010	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.18	232	184187	44.097	ng		95
59) Diethylphthalate	10.27	149	867669	43.880	ng		100
60) 4-Chlorophenyl-phenylether	10.40	204	335917	46.495	ng		95
61) 4-Nitroaniline	10.43	138	196637	46.758	ng		96
62) Azobenzene	10.56	77	800782	42.388	ng		94
64) 4,6-Dinitro-2-methylphenol	10.46	198	30288	20.804	ng	#	75
65) n-Nitrosodiphenylamine	10.52	169	678717	50.011	ng		100
66) 4-Bromophenyl-phenylether	10.89	248	208604	50.104	ng		93
67) Hexachlorobenzene	10.95	284	213235	45.517	ng		96
68) Atrazine	11.04	200	206240	50.346	ng		98
69) Pentachlorophenol	11.15	266	193010	66.597	ng		98
70) Phenanthrene	11.37	178	953135	43.727	ng		99
71) Anthracene	11.42	178	973504	43.936	ng		100
72) Carbazole	11.58	167	875004	40.413	ng		99
73) Di-n-butylphthalate	11.90	149	1222514	46.222	ng		100
74) Fluoranthene	12.56	202	852932	37.452	ng		99
76) Benzidine	12.69	184	658707	Below Cal			98
77) Pyrene	12.79	202	838234	43.503	ng		99
79) Butylbenzylphthalate	13.40	149	414326	45.643	ng		97
80) Benzo(a)anthracene	13.98	228	724595	46.659	ng		99
81) 3,3'-Dichlorobenzidine	13.94	252	276144	47.691	ng		98
82) Chrysene	14.02	228	691502	43.351	ng		99
83) Bis(2-ethylhexyl)phthalate	13.96	149	559383	47.909	ng		99
84) Di-n-octyl phthalate	14.59	149	940312	48.197	ng		96
85) Indeno(1,2,3-cd)pyrene	16.92	276	563862	41.612	ng		99
87) Benzo(b)fluoranthene	15.03	252	702882	49.144	ng		97
88) Benzo(k)fluoranthene	15.06	252	607334	44.978	ng		99
89) Benzo(a)pyrene	15.40	252	597918	46.723	ng		98
90) Dibenzo(a,h)anthracene	16.94	278	473952	45.094	ng		99
91) Benzo(g,h,i)perylene	17.36	276	446727	43.871	ng		98

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

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