Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF020518\
Data File : BF102742.D
Acq On : 5 Feb 2018 17:11
Operator : SJ/JU
Sample : J1399-02MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-01-020218-AMS

Manual Integrations APPROVED
Sohil
2/6/2018 2:25:34 PM

Quant Time: Feb 06 11:19:17 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 05 12:44:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	217921	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	898987	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	399212	20.00	ng		0.00
63) Phenanthrene-d10	11.41	188	607122	20.00	ng		0.00
75) Chrysene-d12	14.05	240	347532	20.00	ng		0.00
86) Perylene-d12	15.52	264	344629	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	1539673	107.30	ng		0.02
7) Phenol-d6	6.51	99	1636425	94.71	ng		0.00
23) Nitrobenzene-d5	7.45	82	1330642	102.68	ng		0.00
41) 2,4,6-Tribromophenol	10.72	330	421244	131.10	ng		0.00
44) 2-Fluorobiphenyl	9.25	172	2196707	91.31	ng		0.00
78) Terphenyl-d14	12.99	244	1559682	106.26	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.86	88	217809m	30.731	ng		
3) Pyridine	3.57	79	554817m	28.333	ng		
4) n-Nitrosodimethylamine	3.52	42	323509m	38.613	ng		
6) Aniline	6.55	93	271911	10.657	ng		97
8) 2-Chlorophenol	6.67	128	582709	39.444	ng		95
9) Benzaldehyde	6.43	77	216436	16.868	ng		99
10) Phenol	6.52	94	587646	31.737	ng		94
11) bis(2-Chloroethyl)ether	6.62	93	605320	39.287	ng		94
12) 1,3-Dichlorobenzene	6.82	146	630954	36.882	ng		98
13) 1,4-Dichlorobenzene	6.90	146	640228	37.569	ng		100
14) 1,2-Dichlorobenzene	7.05	146	581189	36.616	ng		99
15) Benzyl Alcohol	7.02	79	526834	39.660	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	1133912	38.741	ng		96
17) 2-Methylphenol	7.13	107	515131	37.803	ng		99
18) Hexachloroethane	7.39	117	217056	37.144	ng		95
19) n-Nitroso-di-n-propylamine	7.30	70	435976	38.272	ng		96
20) 3+4-Methylphenols	7.28	107	578411	34.421	ng	#	80
22) Acetophenone	7.29	105	854677	38.851	ng	#	94
24) Nitrobenzene	7.46	77	668343	43.842	ng		98
25) Isophorone	7.70	82	1266917	42.456	ng		99
26) 2-Nitrophenol	7.78	139	323489	50.995	ng		99
27) 2,4-Dimethylphenol	7.82	122	584667	46.376	ng		99
28) bis(2-Chloroethoxy)methane	7.92	93	785058	44.411	ng		99
29) 2,4-Dichlorophenol	8.02	162	511865	44.663	ng		98
30) 1,2,4-Trichlorobenzene	8.10	180	520060	40.112	ng		99
31) Naphthalene	8.19	128	1941656	44.206	ng		99
32) Benzoic acid	7.93	122	363267m	42.765	ng		
33) 4-Chloroaniline	8.23	127	93201	4.926	ng		95
34) Hexachlorobutadiene	8.30	225	256681	38.635	ng		98
35) Caprolactam	8.60	113	116141m	29.180	ng		
36) 4-Chloro-3-methylphenol	8.71	107	563741	43.779	ng		99
37) 2-Methylnaphthalene	8.88	142	1188373	41.325	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	447610	41.179	ng		99
40) Hexachlorocyclopentadiene	9.03	237	200278	38.759	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	342539m	47.977	ng		
43) 2,4,5-Trichlorophenol	9.20	196	348614m	43.322	ng		
45) 1,1'-Biphenyl	9.35	154	1340297	39.861	ng		99
46) 2-Chloronaphthalene	9.37	162	1062996	40.156	ng		99
47) 2-Nitroaniline	9.46	65	376863	46.271	ng		90
48) Acenaphthylene	9.79	152	1586257	38.581	ng		99
49) Dimethylphthalate	9.65	163	1283353	41.229	ng		100
50) 2,6-Dinitrotoluene	9.70	165	281960	47.612	ng		94
51) Acenaphthene	9.96	154	982606	39.963	ng		99
52) 3-Nitroaniline	9.87	138	152564	20.937	ng		96
53) 2,4-Dinitrophenol	9.97	184	93115	58.280	ng	#	19
54) Dibenzofuran	10.13	168	1419380	40.962	ng		97
55) 4-Nitrophenol	10.03	139	411323	69.258	ng		94
56) 2,4-Dinitrotoluene	10.11	165	357718	45.229	ng		96
57) Fluorene	10.47	166	1015368	40.274	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.24	232	258687	46.382	ng		99
59) Diethylphthalate	10.34	149	1234816	40.176	ng		98
60) 4-Chlorophenyl-phenylether	10.46	204	466325	41.813	ng		99
61) 4-Nitroaniline	10.49	138	264055	38.071	ng		90
62) Azobenzene	10.62	77	1192681	38.843	ng		96
64) 4,6-Dinitro-2-methylphenol	10.52	198	69454	32.366	ng		88
65) n-Nitrosodiphenylamine	10.58	169	969103	45.253	ng		100
66) 4-Bromophenyl-phenylether	10.95	248	296773	46.210	ng		97
67) Hexachlorobenzene	11.02	284	299006	42.203	ng	#	90
68) Atrazine	11.11	200	283117	44.814	ng		97
69) Pentachlorophenol	11.21	266	315131	75.771	ng		98
70) Phenanthrene	11.43	178	1374622	40.654	ng		99
71) Anthracene	11.49	178	1408045	40.943	ng		100
72) Carbazole	11.64	167	1313872	38.996	ng		99
73) Di-n-butylphthalate	11.97	149	1817073	44.398	ng		99
74) Fluoranthene	12.62	202	1203624	35.380	ng		99
76) Benzidine	12.74	184	358367	22.436	ng		98
77) Pyrene	12.85	202	1194216	43.821	ng		99
79) Butylbenzylphthalate	13.46	149	642477	49.259	ng		97
80) Benzo(a)anthracene	14.04	228	937213	42.880	ng		99
81) 3,3'-Dichlorobenzidine	14.00	252	303615	37.465	ng		100
82) Chrysene	14.07	228	913196	41.448	ng		98
83) Bis(2-ethylhexyl)phthalate	14.02	149	865319	51.833	ng		99
84) Di-n-octyl phthalate	14.63	149	1406314	56.103	ng		98
85) Indeno(1,2,3-cd)pyrene	17.02	276	825110	45.154	ng		99
87) Benzo(b)fluoranthene	15.09	252	923644	41.338	ng		98
88) Benzo(k)fluoranthene	15.12	252	907662	42.515	ng		99
89) Benzo(a)pyrene	15.46	252	875343	43.524	ng		97
90) Dibenzo(a,h)anthracene	17.04	278	710038	43.496	ng		98
91) Benzo(g,h,i)perylene	17.47	276	667100	41.751	ng		99

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

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