Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080218\
Data File : BF107907.D
Acq On : 2 Aug 2018 14:16
Operator : JU/SJ
Sample : PB111618BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB111618BS

Manual Integrations APPROVED
Sohil
8/3/2018 12:53:08 PM

Quant Time: Aug 02 15:49:41 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 30 17:48:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	144653	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	626877	20.00	ng		-0.01
38) Acenaphthene-d10	10.00	164	294220	20.00	ng		-0.01
63) Phenanthrene-d10	11.50	188	608802	20.00	ng		0.00
75) Chrysene-d12	14.15	240	443476	20.00	ng		0.00
86) Perylene-d12	15.68	264	363461	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	1100620	129.31	ng		0.02
7) Phenol-d6	6.61	99	1321831	117.84	ng		0.00
23) Nitrobenzene-d5	7.52	82	898845	82.60	ng		-0.01
41) 2,4,6-Tribromophenol	10.80	330	488562	122.21	ng		0.00
44) 2-Fluorobiphenyl	9.31	172	1751726	82.97	ng		0.00
78) Terphenyl-d14	13.08	244	1926349	94.19	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.94	88	159139	40.835	ng		89
3) Pyridine	3.73	79	299147	32.294	ng	#	85
4) n-Nitrosodimethylamine	3.70	42	115520m	26.675	ng		
6) Aniline	6.64	93	462167	39.612	ng	#	47
8) 2-Chlorophenol	6.75	128	465593	43.549	ng		95
9) Benzaldehyde	6.52	77	212505m	31.399	ng		
10) Phenol	6.62	94	567448	42.420	ng		79
11) bis(2-Chloroethyl)ether	6.70	93	387264	32.557	ng		98
12) 1,3-Dichlorobenzene	6.90	146	477049	42.543	ng		98
13) 1,4-Dichlorobenzene	6.97	146	541498	43.381	ng		98
14) 1,2-Dichlorobenzene	7.12	146	445744	38.469	ng		99
15) Benzyl Alcohol	7.11	79	311907	44.736	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.22	45	722989	42.275	ng		59
17) 2-Methylphenol	7.22	107	372567	47.206	ng	#	79
18) Hexachloroethane	7.45	117	183845	40.976	ng		96
19) n-Nitroso-di-n-propylamine	7.37	70	313045	43.993	ng		98
20) 3+4-Methylphenols	7.38	107	445372	45.963	ng	#	71
22) Acetophenone	7.37	105	663219	43.975	ng	#	94
24) Nitrobenzene	7.54	77	442289	38.764	ng		99
25) Isophorone	7.77	82	918315	51.413	ng		99
26) 2-Nitrophenol	7.86	139	274851	47.999	ng		99
27) 2,4-Dimethylphenol	7.90	122	396969	51.780	ng		96
28) bis(2-Chloroethoxy)methane	7.98	93	555894	47.225	ng		99
29) 2,4-Dichlorophenol	8.11	162	403538	46.535	ng		99
30) 1,2,4-Trichlorobenzene	8.18	180	431133	43.580	ng		98
31) Naphthalene	8.26	128	1413591	48.510	ng		99
32) Benzoic acid	8.04	122	193500	37.633	ng		94
33) 4-Chloroaniline	8.32	127	470677	37.815	ng		99
34) Hexachlorobutadiene	8.36	225	248705	40.682	ng		98
35) Caprolactam	8.70	113	128415m	49.191	ng		
36) 4-Chloro-3-methylphenol	8.81	107	427089	45.348	ng		99
37) 2-Methylnaphthalene	8.95	142	927772	50.686	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	450489	44.908	ng		97
40) Hexachlorocyclopentadiene	9.10	237	365052	84.118	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	262107	47.263	ng		97
43) 2,4,5-Trichlorophenol	9.29	196	290461	43.506	ng		95
45) 1,1'-Biphenyl	9.41	154	1174706	43.872	ng		98
46) 2-Chloronaphthalene	9.44	162	872729	43.222	ng		99
47) 2-Nitroaniline	9.56	65	293698	44.718	ng		94
48) Acenaphthylene	9.86	152	1399725	44.715	ng		99
49) Dimethylphthalate	9.71	163	976878	44.210	ng		99
50) 2,6-Dinitrotoluene	9.79	165	213341	44.428	ng		91
51) Acenaphthene	10.03	154	775422	42.644	ng		99
52) 3-Nitroaniline	9.98	138	189893	31.382	ng		94
53) 2,4-Dinitrophenol	10.08	184	219873	86.153	ng	#	29
54) Dibenzofuran	10.21	168	1176629	41.865	ng		97
55) 4-Nitrophenol	10.17	139	154323	57.194	ng		94
56) 2,4-Dinitrotoluene	10.20	165	266756	42.266	ng	#	86
57) Fluorene	10.55	166	980835	44.905	ng		93
58) 2,3,4,6-Tetrachlorophenol	10.33	232	286995	46.802	ng	#	79
59) Diethylphthalate	10.41	149	1003095	42.223	ng		97
60) 4-Chlorophenyl-phenylether	10.54	204	483663	40.648	ng		91
61) 4-Nitroaniline	10.61	138	237640	44.254	ng		95
62) Azobenzene	10.70	77	947551	42.825	ng		97
64) 4,6-Dinitro-2-methylphenol	10.61	198	142504	43.026	ng		92
65) n-Nitrosodiphenylamine	10.66	169	852528	42.528	ng		98
66) 4-Bromophenyl-phenylether	11.03	248	313084	44.122	ng	#	87
67) Hexachlorobenzene	11.10	284	330819	42.042	ng	#	87
68) Atrazine	11.18	200	254821	42.950	ng		97
69) Pentachlorophenol	11.30	266	301836	77.922	ng		98
70) Phenanthrene	11.52	178	1333640	46.134	ng		99
71) Anthracene	11.57	178	1568695	47.047	ng		100
72) Carbazole	11.74	167	1434661	43.540	ng		98
73) Di-n-butylphthalate	12.04	149	1519899	42.281	ng		100
74) Fluoranthene	12.71	202	1559359	45.916	ng		97
76) Benzidine	12.85	184	865550	60.365	ng		98
77) Pyrene	12.94	202	1495266	46.824	ng		98
79) Butylbenzylphthalate	13.54	149	641819	45.896	ng		92
80) Benzo(a)anthracene	14.14	228	1172437	46.671	ng		99
81) 3,3'-Dichlorobenzidine	14.10	252	328868	33.771	ng	#	97
82) Chrysene	14.18	228	1247264	46.032	ng		99
83) Bis(2-ethylhexyl)phthalate	14.09	149	787626	44.802	ng		100
84) Di-n-octyl phthalate	14.71	149	1224585	43.397	ng		96
85) Indeno(1,2,3-cd)pyrene	17.27	276	941173	45.666	ng	#	93
87) Benzo(b)fluoranthene	15.22	252	815643	45.501	ng		98
88) Benzo(k)fluoranthene	15.25	252	1052961m	47.844	ng		
89) Benzo(a)pyrene	15.62	252	882084	47.665	ng		98
90) Dibenzo(a,h)anthracene	17.28	278	787275	48.771	ng	#	96
91) Benzo(g,h,i)perylene	17.74	276	774685	49.598	ng		94

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

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