Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF021918\
Data File : BF103075.D
Acq On : 19 Feb 2018 12:06
Operator : SJ/JU
Sample : J1399-06MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-021518-AMSD

Manual Integrations APPROVED
Sohil
2/20/2018 10:20:20 AM

Quant Time: Feb 19 16:39:38 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 16 14:34:49 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	171823	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	721140	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	323754	20.00	ng		0.00
63) Phenanthrene-d10	11.41	188	566819	20.00	ng		0.00
75) Chrysene-d12	14.06	240	381170	20.00	ng		0.00
86) Perylene-d12	15.54	264	346938	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	1235241	109.18	ng		0.03
7) Phenol-d6	6.52	99	1393831	102.32	ng		0.01
23) Nitrobenzene-d5	7.45	82	1055134	101.50	ng		0.00
41) 2,4,6-Tribromophenol	10.72	330	357996	137.38	ng		0.00
44) 2-Fluorobiphenyl	9.24	172	1657954	84.98	ng		0.00
78) Terphenyl-d14	13.00	244	1570754	97.57	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.83	88	203688	36.449	ng	#	72
3) Pyridine	3.56	79	266958	17.291	ng		95
4) n-Nitrosodimethylamine	3.50	42	278422	42.148	ng		98
6) Aniline	6.55	93	273380	13.589	ng		89
8) 2-Chlorophenol	6.67	128	509045	43.703	ng		99
9) Benzaldehyde	6.43	77	25905	2.561	ng		94
10) Phenol	6.53	94	553171	37.890	ng		96
11) bis(2-Chloroethyl)ether	6.62	93	522884	43.041	ng		91
12) 1,3-Dichlorobenzene	6.82	146	528414	39.175	ng		99
13) 1,4-Dichlorobenzene	6.90	146	533151	39.680	ng		99
14) 1,2-Dichlorobenzene	7.05	146	495117	39.562	ng		100
15) Benzyl Alcohol	7.02	79	444701	42.459	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	906525	39.282	ng		97
17) 2-Methylphenol	7.13	107	441765	41.117	ng		99
18) Hexachloroethane	7.39	117	198949	43.179	ng		97
19) n-Nitroso-di-n-propylamine	7.30	70	347958	38.740	ng		97
20) 3+4-Methylphenols	7.29	107	486258	36.700	ng	#	66
22) Acetophenone	7.29	105	684546	38.791	ng	#	91
24) Nitrobenzene	7.47	77	572484	46.820	ng		96
25) Isophorone	7.70	82	1072328	44.798	ng		100
26) 2-Nitrophenol	7.78	139	299396	57.504	ng		97
27) 2,4-Dimethylphenol	7.82	122	480575	47.521	ng		98
28) bis(2-Chloroethoxy)methane	7.91	93	666167	46.979	ng		99
29) 2,4-Dichlorophenol	8.02	162	431250	46.909	ng		98
30) 1,2,4-Trichlorobenzene	8.10	180	425205	40.884	ng		100
31) Naphthalene	8.19	128	1470555	41.738	ng		100
32) Benzoic acid	7.95	122	303436	44.005	ng		96
33) 4-Chloroaniline	8.23	127	80590	5.310	ng		99
34) Hexachlorobutadiene	8.30	225	214518	40.252	ng		99
35) Caprolactam	8.61	113	122070m	38.234	ng		
36) 4-Chloro-3-methylphenol	8.72	107	488235	47.266	ng		98
37) 2-Methylnaphthalene	8.87	142	996313	43.191	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	377458	42.819	ng		98
40) Hexachlorocyclopentadiene	9.03	237	305752	72.962	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	281525	48.622	ng		99
43) 2,4,5-Trichlorophenol	9.20	196	303880	46.565	ng		99
45) 1,1'-Biphenyl	9.34	154	1142139	41.884	ng		99
46) 2-Chloronaphthalene	9.37	162	918868	42.802	ng		98
47) 2-Nitroaniline	9.46	65	344370	51.696	ng		88
48) Acenaphthylene	9.79	152	1386163	41.572	ng		99
49) Dimethylphthalate	9.64	163	1141933	45.236	ng		99
50) 2,6-Dinitrotoluene	9.70	165	253996	52.886	ng		93
51) Acenaphthene	9.96	154	798620	40.050	ng		99
52) 3-Nitroaniline	9.87	138	85433	14.457	ng		94
53) 2,4-Dinitrophenol	9.99	184	198839	102.651	ng	#	21
54) Dibenzofuran	10.13	168	1226282	43.638	ng		97
55) 4-Nitrophenol	10.05	139	369343	76.253	ng		96
56) 2,4-Dinitrotoluene	10.12	165	323738	50.116	ng		95
57) Fluorene	10.47	166	933461	45.655	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.25	232	228611	50.543	ng		98
59) Diethylphthalate	10.34	149	1081200	43.377	ng		98
60) 4-Chlorophenyl-phenylether	10.46	204	418865	46.311	ng		99
61) 4-Nitroaniline	10.50	138	287921	51.187	ng		91
62) Azobenzene	10.62	77	1082528	43.473	ng		96
64) 4,6-Dinitro-2-methylphenol	10.53	198	140647m	56.304	ng		
65) n-Nitrosodiphenylamine	10.58	169	843414	42.185	ng		100
66) 4-Bromophenyl-phenylether	10.95	248	267706	44.648	ng		91
67) Hexachlorobenzene	11.02	284	281140	42.503	ng		92
68) Atrazine	11.10	200	239152	40.546	ng		97
69) Pentachlorophenol	11.22	266	277477	71.461	ng		98
70) Phenanthrene	11.44	178	1328923	42.097	ng		99
71) Anthracene	11.49	178	1388806	43.255	ng		100
72) Carbazole	11.65	167	1330094	42.285	ng		99
73) Di-n-butylphthalate	11.96	149	1677854	43.911	ng		99
74) Fluoranthene	12.63	202	1357752	42.749	ng		99
76) Benzidine	12.74	184	142897	8.157	ng		99
77) Pyrene	12.86	202	1381599	46.223	ng		100
79) Butylbenzylphthalate	13.46	149	713602	49.871	ng		100
80) Benzo(a)anthracene	14.04	228	1135716	47.377	ng		99
81) 3,3'-Dichlorobenzidine	14.00	252	191205	21.512	ng		98
82) Chrysene	14.09	228	1069927	44.276	ng		99
83) Bis(2-ethylhexyl)phthalate	14.02	149	957998	52.321	ng		100
84) Di-n-octyl phthalate	14.64	149	1514587	55.090	ng		100
85) Indeno(1,2,3-cd)pyrene	17.07	276	1032376	51.511	ng		98
87) Benzo(b)fluoranthene	15.11	252	1051433	46.744	ng		97
88) Benzo(k)fluoranthene	15.14	252	915107	42.579	ng		99
89) Benzo(a)pyrene	15.49	252	938958	46.376	ng		97
90) Dibenzo(a,h)anthracene	17.09	278	849641	51.701	ng		100
91) Benzo(g,h,i)perylene	17.53	276	919863	57.187	ng		99

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

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