Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091117\
Data File : BF098409.D
Acq On : 11 Sep 2017 18:12
Operator : SJ/JU
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Sohil
9/12/2017 6:02:00 PM

Quant Time: Sep 11 18:45:41 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 11 17:18:41 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	200236	20.00	ng		0.00
21) Naphthalene-d8	7.96	136	855607	20.00	ng		0.00
38) Acenaphthene-d10	9.71	164	378236	20.00	ng		0.00
63) Phenanthrene-d10	11.19	188	681235	20.00	ng		0.00
75) Chrysene-d12	13.82	240	417524	20.00	ng		0.00
86) Perylene-d12	15.22	264	325981	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	1993272	151.42	ng		0.00
7) Phenol-d6	6.33	99	2406258	134.53	ng		0.01
23) Nitrobenzene-d5	7.25	82	2286685	145.19	ng		0.01
41) 2,4,6-Tribromophenol	10.50	330	407459	124.16	ng		0.00
44) 2-Fluorobiphenyl	9.04	172	3070481	119.27	ng		0.00
78) Terphenyl-d14	12.77	244	2873197	143.50	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.30	88	551758	75.156	ng		86
3) Pyridine	2.99	79	1537523	75.756	ng	#	86
4) n-Nitrosodimethylamine	2.97	42	760285	97.356	ng		91
6) Aniline	6.35	93	1501604	59.761	ng	#	1
8) 2-Chlorophenol	6.46	128	1083657	78.056	ng		93
9) Benzaldehyde	6.22	77	803195	70.896	ng		91
10) Phenol	6.35	94	1400187	66.934	ng		74
11) bis(2-Chloroethyl)ether	6.42	93	1125094	71.259	ng		94
12) 1,3-Dichlorobenzene	6.61	146	1100169m	73.673	ng		
13) 1,4-Dichlorobenzene	6.69	146	1111535	73.186	ng		96
14) 1,2-Dichlorobenzene	6.85	146	957444	68.369	ng		99
15) Benzyl Alcohol	6.83	79	749536	55.972	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.96	45	1685701	79.352	ng		75
17) 2-Methylphenol	6.95	107	890110	72.756	ng	#	86
18) Hexachloroethane	7.18	117	436809	73.358	ng	#	85
19) n-Nitroso-di-n-propylamine	7.11	70	754957	61.659	ng		100
20) 3+4-Methylphenols	7.10	107	1005961	67.321	ng	#	86
22) Acetophenone	7.10	105	1563733	69.182	ng	#	97
24) Nitrobenzene	7.27	77	1275550	72.737	ng		99
25) Isophorone	7.51	82	2398800	73.246	ng		99
26) 2-Nitrophenol	7.58	139	592414	101.187	ng	#	80
27) 2,4-Dimethylphenol	7.63	122	989869	72.473	ng		98
28) bis(2-Chloroethoxy)methane	7.72	93	1401162	65.077	ng		99
29) 2,4-Dichlorophenol	7.83	162	828847	73.105	ng		95
30) 1,2,4-Trichlorobenzene	7.90	180	882451	70.210	ng		99
31) Naphthalene	7.98	128	2893592	65.143	ng		99
32) Benzoic acid	7.82	122	794640	87.663	ng		97
33) 4-Chloroaniline	8.03	127	1234116	65.879	ng		99
34) Hexachlorobutadiene	8.09	225	449556	61.260	ng		98
35) Caprolactam	8.45	113	333897m	86.627	ng		
36) 4-Chloro-3-methylphenol	8.53	107	1028520	70.606	ng	#	83
37) 2-Methylnaphthalene	8.67	142	1796085	65.953	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.84	216	845080	72.802	ng		99
40) Hexachlorocyclopentadiene	8.82	237	284709	51.054	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.96	196	543951	69.798	ng		89
43) 2,4,5-Trichlorophenol	9.00	196	556950	72.037	ng		93
45) 1,1'-Biphenyl	9.14	154	2305366	66.839	ng		97
46) 2-Chloronaphthalene	9.16	162	1713687	67.243	ng	#	94
47) 2-Nitroaniline	9.26	65	733493	85.853	ng		91
48) Acenaphthylene	9.57	152	2434505	60.831	ng		99
49) Dimethylphthalate	9.45	163	2164700	78.295	ng		99
50) 2,6-Dinitrotoluene	9.51	165	472154	85.554	ng	#	62
51) Acenaphthene	9.75	154	1589465	62.973	ng		99
52) 3-Nitroaniline	9.68	138	557247	78.262	ng		96
53) 2,4-Dinitrophenol	9.79	184	229845	114.379	ng	#	77
54) Dibenzofuran	9.92	168	1996328	59.014	ng		98
55) 4-Nitrophenol	9.86	139	360011	63.383	ng	#	41
56) 2,4-Dinitrotoluene	9.92	165	529301	76.424	ng	#	47
57) Fluorene	10.26	166	1662336	63.560	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.04	232	398484	66.570	ng		98
59) Diethylphthalate	10.14	149	1981238	68.525	ng		99
60) 4-Chlorophenyl-phenylether	10.25	204	769667	63.346	ng	#	86
61) 4-Nitroaniline	10.30	138	566794	83.754	ng		84
62) Azobenzene	10.41	77	2061776	60.034	ng		96
64) 4,6-Dinitro-2-methylphenol	10.33	198	351106	124.783	ng		93
65) n-Nitrosodiphenylamine	10.37	169	1606959	69.271	ng		99
66) 4-Bromophenyl-phenylether	10.74	248	482570	68.216	ng		93
67) Hexachlorobenzene	10.80	284	494353	68.561	ng	#	86
68) Atrazine	10.90	200	497443	80.857	ng		96
69) Pentachlorophenol	11.00	266	235056	55.911	ng		95
70) Phenanthrene	11.22	178	2502336	68.933	ng		100
71) Anthracene	11.27	178	2569126	69.777	ng		99
72) Carbazole	11.43	167	2384254	68.221	ng		99
73) Di-n-butylphthalate	11.76	149	2946019	73.181	ng		99
74) Fluoranthene	12.40	202	2525059	66.642	ng		99
76) Benzidine	12.53	184	1361059	99.422	ng		96
77) Pyrene	12.63	202	2590528	75.860	ng		100
79) Butylbenzylphthalate	13.24	149	1159424	88.555	ng	#	75
80) Benzo(a)anthracene	13.81	228	1789040	71.493	ng		100
81) 3,3'-Dichlorobenzidine	13.78	252	694117	82.201	ng	#	96
82) Chrysene	13.85	228	1837646	73.822	ng		99
83) Bis(2-ethylhexyl)phthalate	13.80	149	1311696	90.411	ng	#	99
84) Di-n-octyl phthalate	14.41	149	2314220	91.676	ng		97
85) Indeno(1,2,3-cd)pyrene	16.57	276	1336741	72.997	ng		99
87) Benzo(b)fluoranthene	14.83	252	1587820	77.275	ng		99
88) Benzo(k)fluoranthene	14.86	252	1407209	72.895	ng	#	96
89) Benzo(a)pyrene	15.16	252	1373420	75.503	ng		96
90) Dibenzo(a,h)anthracene	16.58	278	1072119	72.397	ng		96
91) Benzo(g,h,i)perylene	16.97	276	1123912	72.736	ng		98

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

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