Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010918\
Data File : BF101945.D
Acq On : 9 Jan 2018 11:43
Operator : SJ/JU
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
Sohil
1/10/2018 11:44:46 AM

Quant Time: Jan 09 14:04:03 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 09 13:07:12 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	235987	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	980392	20.00	ng		0.00
38) Acenaphthene-d10	9.76	164	439111	20.00	ng		0.00
63) Phenanthrene-d10	11.24	188	770335	20.00	ng		0.00
75) Chrysene-d12	13.87	240	605980	20.00	ng		0.00
86) Perylene-d12	15.29	264	507307	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	354028	22.35	ng		-0.01
7) Phenol-d6	6.34	99	428018	21.71	ng		-0.01
23) Nitrobenzene-d5	7.29	82	347988	19.76	ng		0.00
41) 2,4,6-Tribromophenol	10.54	330	83907	19.83	ng		-0.01
44) 2-Fluorobiphenyl	9.09	172	723830	25.57	ng		0.00
78) Terphenyl-d14	12.83	244	610037	24.27	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.39	88	87394	10.736	ng		96
3) Pyridine	3.09	79	219631	9.711	ng		95
4) n-Nitrosodimethylamine	3.03	42	91380	8.775	ng	#	88
6) Aniline	6.38	93	295483	10.784	ng		99
8) 2-Chlorophenol	6.50	128	180750	10.846	ng		96
9) Benzaldehyde	6.27	77	148220	10.179	ng		100
10) Phenol	6.35	94	238718m	10.623	ng		
11) bis(2-Chloroethyl)ether	6.46	93	184063	10.442	ng		98
12) 1,3-Dichlorobenzene	6.66	146	207801	11.048	ng		98
13) 1,4-Dichlorobenzene	6.74	146	204197	10.631	ng		99
14) 1,2-Dichlorobenzene	6.89	146	193728	11.205	ng		97
15) Benzyl Alcohol	6.86	79	156814	11.555	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.00	45	329960	12.231	ng		96
17) 2-Methylphenol	6.97	107	154849	10.101	ng		100
18) Hexachloroethane	7.24	117	71115	10.649	ng		95
19) n-Nitroso-di-n-propylamine	7.13	70	136900	10.573	ng		91
20) 3+4-Methylphenols	7.12	107	207789	12.791	ng		93
22) Acetophenone	7.13	105	269056	12.027	ng	#	97
24) Nitrobenzene	7.30	77	191673	9.833	ng		97
25) Isophorone	7.54	82	346655	9.812	ng		97
26) 2-Nitrophenol	7.62	139	62081	7.413	ng		98
27) 2,4-Dimethylphenol	7.66	122	147820	10.390	ng		98
28) bis(2-Chloroethoxy)methane	7.76	93	218909	9.754	ng		97
29) 2,4-Dichlorophenol	7.86	162	140789	10.017	ng		97
30) 1,2,4-Trichlorobenzene	7.95	180	154191	10.395	ng		96
31) Naphthalene	8.03	128	548756	11.118	ng		100
32) Benzoic acid	7.73	122	78827	9.291	ng		98
33) 4-Chloroaniline	8.07	127	229931	10.718	ng		98
34) Hexachlorobutadiene	8.15	225	77889	9.079	ng		99
35) Caprolactam	8.42	113	46062	9.438	ng		91
36) 4-Chloro-3-methylphenol	8.55	107	155101	10.040	ng		97
37) 2-Methylnaphthalene	8.72	142	360586	11.213	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	139872	9.435	ng		99
40) Hexachlorocyclopentadiene	8.87	237	68408	35.278	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	90976	10.193	ng		100
43) 2,4,5-Trichlorophenol	9.03	196	102796	10.519	ng		96
45) 1,1'-Biphenyl	9.18	154	443675	11.393	ng		98
46) 2-Chloronaphthalene	9.20	162	335653	11.265	ng		98
47) 2-Nitroaniline	9.30	65	88815	8.628	ng		86
48) Acenaphthylene	9.62	152	537795	11.427	ng		99
49) Dimethylphthalate	9.48	163	391909	11.096	ng		99
50) 2,6-Dinitrotoluene	9.55	165	73309	10.212	ng		98
51) Acenaphthene	9.79	154	318268	11.256	ng		99
52) 3-Nitroaniline	9.71	138	91665	10.242	ng		96
53) 2,4-Dinitrophenol	9.81	184	10718	5.592	ng	#	21
54) Dibenzofuran	9.96	168	450536	12.538	ng		99
55) 4-Nitrophenol	9.86	139	66702	17.092	ng		91
56) 2,4-Dinitrotoluene	9.94	165	90989	11.250	ng		94
57) Fluorene	10.30	166	353268	11.621	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.07	232	73693	10.496	ng		100
59) Diethylphthalate	10.19	149	388055	11.094	ng		98
60) 4-Chlorophenyl-phenylether	10.30	204	151126	10.373	ng		97
61) 4-Nitroaniline	10.32	138	87690	9.748	ng		91
62) Azobenzene	10.46	77	387211	10.687	ng		95
64) 4,6-Dinitro-2-methylphenol	10.35	198	22580	5.744	ng		93
65) n-Nitrosodiphenylamine	10.42	169	318532	11.198	ng		98
66) 4-Bromophenyl-phenylether	10.79	248	88391	10.212	ng		91
67) Hexachlorobenzene	10.84	284	96244	10.506	ng		99
68) Atrazine	10.94	200	91189	10.752	ng		99
69) Pentachlorophenol	11.04	266	54084	17.866	ng		97
70) Phenanthrene	11.26	178	509430	11.892	ng		98
71) Anthracene	11.32	178	520055	11.884	ng		98
72) Carbazole	11.47	167	502025	12.253	ng		99
73) Di-n-butylphthalate	11.81	149	623566	12.540	ng		99
74) Fluoranthene	12.44	202	504412	11.218	ng		96
76) Benzidine	12.57	184	300691	11.749	ng		99
77) Pyrene	12.67	202	530667	11.668	ng		99
79) Butylbenzylphthalate	13.30	149	234303	11.386	ng		94
80) Benzo(a)anthracene	13.86	228	411347	10.280	ng		99
81) 3,3'-Dichlorobenzidine	13.83	252	148326	11.368	ng		99
82) Chrysene	13.90	228	416275	11.018	ng		98
83) Bis(2-ethylhexyl)phthalate	13.87	149	289370	11.102	ng	#	99
84) Di-n-octyl phthalate	14.48	149	458528	9.864	ng		95
85) Indeno(1,2,3-cd)pyrene	16.65	276	267170	7.941	ng	#	93
87) Benzo(b)fluoranthene	14.88	252	353722	11.439	ng	#	97
88) Benzo(k)fluoranthene	14.91	252	336036	11.177	ng		97
89) Benzo(a)pyrene	15.23	252	310098	10.879	ng	#	96
90) Dibenzo(a,h)anthracene	16.67	278	221505	9.051	ng		95
91) Benzo(g,h,i)perylene	17.06	276	212360	8.763	ng	#	93

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

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