Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050818\
Data File : BF105141.D
Acq On : 8 May 2018 12:33
Operator : JU/SJ
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
Sohil
5/9/2018 6:50:37 PM

Quant Time: May 08 14:49:55 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 08 13:40:11 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	206076	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	830794	20.00	ng		0.00
38) Acenaphthene-d10	9.83	164	406440	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	787594	20.00	ng		0.00
75) Chrysene-d12	14.02	240	604778	20.00	ng		0.00
86) Perylene-d12	15.56	264	580721	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	1020161	75.69	ng		0.00
7) Phenol-d6	6.42	99	1207619	72.93	ng		0.00
23) Nitrobenzene-d5	7.36	82	1033835	81.26	ng		0.00
41) 2,4,6-Tribromophenol	10.62	330	374412	88.81	ng		0.00
44) 2-Fluorobiphenyl	9.16	172	2030427	78.92	ng		0.00
78) Terphenyl-d14	12.91	244	2005141	75.59	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.52	88	255315	40.656	ng		87
3) Pyridine	3.24	79	710734	40.254	ng	#	83
4) n-Nitrosodimethylamine	3.20	42	366553	59.390	ng		83
6) Aniline	6.46	93	873989	37.989	ng		94
8) 2-Chlorophenol	6.58	128	544644	38.288	ng		99
9) Benzaldehyde	6.35	77	462940	56.024	ng		99
10) Phenol	6.43	94	666467	37.932	ng		94
11) bis(2-Chloroethyl)ether	6.53	93	540950	38.582	ng		91
12) 1,3-Dichlorobenzene	6.73	146	634439	39.369	ng		98
13) 1,4-Dichlorobenzene	6.81	146	629645	39.196	ng		99
14) 1,2-Dichlorobenzene	6.97	146	581939	39.091	ng		96
15) Benzyl Alcohol	6.93	79	471955	37.525	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	1021327	54.241	ng		96
17) 2-Methylphenol	7.04	107	468764	37.910	ng		98
18) Hexachloroethane	7.31	117	215010	37.540	ng		90
19) n-Nitroso-di-n-propylamine	7.22	70	399297	36.901	ng		94
20) 3+4-Methylphenols	7.20	107	549316	35.820	ng	#	85
22) Acetophenone	7.21	105	753553	36.842	ng	#	98
24) Nitrobenzene	7.38	77	571813	40.707	ng		98
25) Isophorone	7.62	82	1092675	40.613	ng		98
26) 2-Nitrophenol	7.69	139	199152	34.825	ng		95
27) 2,4-Dimethylphenol	7.73	122	510151	42.964	ng		99
28) bis(2-Chloroethoxy)methane	7.83	93	683803	41.569	ng		99
29) 2,4-Dichlorophenol	7.93	162	472438	41.700	ng		95
30) 1,2,4-Trichlorobenzene	8.02	180	526820	42.370	ng		98
31) Naphthalene	8.10	128	1553315	37.548	ng		99
32) Benzoic acid	7.84	122	264148m	27.881	ng		
33) 4-Chloroaniline	8.15	127	666844	37.625	ng		96
34) Hexachlorobutadiene	8.22	225	304680	44.737	ng		98
35) Caprolactam	8.52	113	148951m	37.687	ng		
36) 4-Chloro-3-methylphenol	8.62	107	486682	40.062	ng		98
37) 2-Methylnaphthalene	8.79	142	1097699	41.021	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	511088	43.928	ng		97
40) Hexachlorocyclopentadiene	8.94	237	293480	45.057	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	329817	40.836	ng		94
43) 2,4,5-Trichlorophenol	9.10	196	339547	37.569	ng		93
45) 1,1'-Biphenyl	9.26	154	1303120	38.166	ng		98
46) 2-Chloronaphthalene	9.28	162	992762	36.811	ng		95
47) 2-Nitroaniline	9.37	65	280324	42.031	ng		91
48) Acenaphthylene	9.69	152	1532784	36.224	ng		99
49) Dimethylphthalate	9.56	163	1139300	35.546	ng		98
50) 2,6-Dinitrotoluene	9.62	165	253789	42.793	ng		94
51) Acenaphthene	9.86	154	970883	37.606	ng		98
52) 3-Nitroaniline	9.79	138	260100	37.462	ng		96
53) 2,4-Dinitrophenol	9.89	184	63447	35.193	ng	#	23
54) Dibenzofuran	10.04	168	1425143	39.610	ng		98
55) 4-Nitrophenol	9.93	139	218411	40.046	ng		96
56) 2,4-Dinitrotoluene	10.02	165	315097	40.504	ng		95
57) Fluorene	10.38	166	1024665	39.127	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.15	232	310542	46.056	ng	#	87
59) Diethylphthalate	10.26	149	1136103	35.592	ng		96
60) 4-Chlorophenyl-phenylether	10.37	204	497922	42.693	ng		91
61) 4-Nitroaniline	10.40	138	259917	38.287	ng		96
62) Azobenzene	10.53	77	1132071	37.121	ng		94
64) 4,6-Dinitro-2-methylphenol	10.42	198	104121	30.430	ng		92
65) n-Nitrosodiphenylamine	10.49	169	966952	35.409	ng		99
66) 4-Bromophenyl-phenylether	10.86	248	337568	40.295	ng	#	88
67) Hexachlorobenzene	10.92	284	384031	40.740	ng	#	89
68) Atrazine	11.02	200	314602	38.167	ng		96
69) Pentachlorophenol	11.12	266	223746	38.367	ng		100
70) Phenanthrene	11.34	178	1606454	36.626	ng		100
71) Anthracene	11.39	178	1673252	37.530	ng		99
72) Carbazole	11.55	167	1511105	34.684	ng		99
73) Di-n-butylphthalate	11.88	149	1704068	32.020	ng		99
74) Fluoranthene	12.53	202	1716029	37.447	ng		99
76) Benzidine	12.66	184	961084	45.912	ng		97
77) Pyrene	12.76	202	1751789	39.078	ng		99
79) Butylbenzylphthalate	13.40	149	604954	28.645	ng	#	96
80) Benzo(a)anthracene	14.00	228	1492933	41.321	ng		99
81) 3,3'-Dichlorobenzidine	13.97	252	589756	43.779	ng	#	97
82) Chrysene	14.04	228	1490692	40.168	ng		99
83) Bis(2-ethylhexyl)phthalate	14.00	149	781704	28.777	ng		99
84) Di-n-octyl phthalate	14.69	149	1376226	30.320	ng	#	94
85) Indeno(1,2,3-cd)pyrene	17.01	276	1225602	38.877	ng		94
87) Benzo(b)fluoranthene	15.13	252	1512678	41.243	ng		98
88) Benzo(k)fluoranthene	15.17	252	1351378m	39.027	ng		
89) Benzo(a)pyrene	15.50	252	1359014	41.412	ng		98
90) Dibenzo(a,h)anthracene	17.03	278	1006034	37.326	ng		96
91) Benzo(g,h,i)perylene	17.45	276	988834	37.868	ng	#	92

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

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