Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032818\
Data File : BF104003.D
Acq On : 28 Mar 2018 11:54
Operator : JU/SJ
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
Sohil
3/29/2018 5:35:58 PM

Quant Time: Mar 28 12:56:40 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 28 12:06:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	131146	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	546262	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	250569	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	452576	20.00	ng		0.00
75) Chrysene-d12	14.16	240	360536	20.00	ng		0.00
86) Perylene-d12	15.70	264	362258	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	825626	95.75	ng		0.00
7) Phenol-d6	6.61	99	992248	94.06	ng		0.00
23) Nitrobenzene-d5	7.54	82	890683	113.70	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	270829	125.71	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	1532482	97.56	ng		0.00
78) Terphenyl-d14	13.09	244	1423765	91.66	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.83	88	184197	43.385	ng	#	88
3) Pyridine	3.63	79	455094	38.971	ng	#	87
4) n-Nitrosodimethylamine	3.60	42	145992m	33.906	ng		
6) Aniline	6.64	93	637063	42.293	ng	#	89
8) 2-Chlorophenol	6.76	128	449593	49.775	ng		97
9) Benzaldehyde	6.53	77	233885	33.748	ng		96
10) Phenol	6.62	94	546854	48.786	ng		96
11) bis(2-Chloroethyl)ether	6.70	93	491080	53.069	ng		93
12) 1,3-Dichlorobenzene	6.91	146	513853	49.949	ng		97
13) 1,4-Dichlorobenzene	6.99	146	534689	51.723	ng		99
14) 1,2-Dichlorobenzene	7.14	146	467413	48.726	ng		98
15) Benzyl Alcohol	7.12	79	336792	41.206	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.23	45	512674	38.953	ng		59
17) 2-Methylphenol	7.22	107	374813	46.598	ng	#	93
18) Hexachloroethane	7.47	117	181577	49.935	ng		97
19) n-Nitroso-di-n-propylamine	7.37	70	294702	43.592	ng		93
20) 3+4-Methylphenols	7.37	107	458790	44.944	ng	#	71
22) Acetophenone	7.38	105	619461	44.124	ng	#	98
24) Nitrobenzene	7.56	77	474214	51.565	ng		96
25) Isophorone	7.79	82	823132	45.393	ng		99
26) 2-Nitrophenol	7.87	139	252002	83.807	ng		90
27) 2,4-Dimethylphenol	7.90	122	349108	44.939	ng		98
28) bis(2-Chloroethoxy)methane	7.99	93	506130	46.093	ng		98
29) 2,4-Dichlorophenol	8.11	162	371353	52.543	ng		98
30) 1,2,4-Trichlorobenzene	8.19	180	412640	50.338	ng		99
31) Naphthalene	8.27	128	1291645	46.808	ng		100
32) Benzoic acid	8.05	122	266045m	57.110	ng		
33) 4-Chloroaniline	8.33	127	554319	47.882	ng		96
34) Hexachlorobutadiene	8.37	225	221586	49.303	ng		99
35) Caprolactam	8.71	113	115894	47.621	ng	#	81
36) 4-Chloro-3-methylphenol	8.80	107	392520	50.378	ng		98
37) 2-Methylnaphthalene	8.96	142	841452	48.085	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	381887	53.422	ng		98
40) Hexachlorocyclopentadiene	9.10	237	176324	47.802	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	248031	54.246	ng		100
43) 2,4,5-Trichlorophenol	9.29	196	294274	57.022	ng		96
45) 1,1'-Biphenyl	9.43	154	1038210	49.690	ng		99
46) 2-Chloronaphthalene	9.46	162	827064	49.838	ng		99
47) 2-Nitroaniline	9.56	65	243304	62.774	ng		97
48) Acenaphthylene	9.87	152	1239770	48.177	ng		100
49) Dimethylphthalate	9.73	163	959325	50.182	ng		99
50) 2,6-Dinitrotoluene	9.80	165	213381	62.119	ng	#	87
51) Acenaphthene	10.05	154	716562	46.895	ng		99
52) 3-Nitroaniline	9.97	138	245264	59.128	ng		99
53) 2,4-Dinitrophenol	10.08	184	95736	134.446	ng	#	24
54) Dibenzofuran	10.22	168	1032212	47.299	ng		98
55) 4-Nitrophenol	10.15	139	156171	50.807	ng		92
56) 2,4-Dinitrotoluene	10.20	165	268706	63.767	ng		93
57) Fluorene	10.56	166	844744	49.884	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.33	232	211644	57.877	ng		93
59) Diethylphthalate	10.42	149	907418	47.824	ng		97
60) 4-Chlorophenyl-phenylether	10.54	204	388806	50.239	ng		96
61) 4-Nitroaniline	10.60	138	228312	57.151	ng		95
62) Azobenzene	10.71	77	832116	43.136	ng		92
64) 4,6-Dinitro-2-methylphenol	10.62	198	142617	97.318	ng		79
65) n-Nitrosodiphenylamine	10.67	169	751846	48.806	ng		99
66) 4-Bromophenyl-phenylether	11.04	248	238957	51.424	ng	#	89
67) Hexachlorobenzene	11.10	284	274880	51.829	ng		93
68) Atrazine	11.19	200	228645	47.981	ng		98
69) Pentachlorophenol	11.30	266	163941	53.767	ng		100
70) Phenanthrene	11.53	178	1171687	47.328	ng		99
71) Anthracene	11.58	178	1219286	48.491	ng		100
72) Carbazole	11.74	167	1179286	48.253	ng		100
73) Di-n-butylphthalate	12.04	149	1363211	46.487	ng		100
74) Fluoranthene	12.72	202	1230055	48.227	ng		98
76) Benzidine	12.84	184	512429	33.324	ng		97
77) Pyrene	12.95	202	1254801	47.391	ng		99
79) Butylbenzylphthalate	13.55	149	591533	50.425	ng		99
80) Benzo(a)anthracene	14.14	228	1101125	48.249	ng		99
81) 3,3'-Dichlorobenzidine	14.11	252	341669	44.758	ng		95
82) Chrysene	14.19	228	1060536	48.749	ng		99
83) Bis(2-ethylhexyl)phthalate	14.10	149	730726	43.603	ng		100
84) Di-n-octyl phthalate	14.73	149	1304592	53.509	ng	#	95
85) Indeno(1,2,3-cd)pyrene	17.29	276	1092292	57.493	ng		96
87) Benzo(b)fluoranthene	15.24	252	1117919	48.846	ng		98
88) Benzo(k)fluoranthene	15.27	252	980608	44.573	ng		99
89) Benzo(a)pyrene	15.63	252	1008963	48.605	ng		99
90) Dibenzo(a,h)anthracene	17.30	278	905219	50.361	ng		97
91) Benzo(g,h,i)perylene	17.78	276	898542	51.385	ng		95

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

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