Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032818\
Data File : BF104001.D
Acq On : 28 Mar 2018 11:02
Operator : JU/SJ
Sample : SSTDICC025
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

Manual Integrations APPROVED
Sohil
3/29/2018 5:35:53 PM

Quant Time: Mar 28 12:29:23 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	129181	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	532573	20.00	ng		0.00
38) Acenaphthene-d10	10.00	164	251241	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	468743	20.00	ng		0.00
75) Chrysene-d12	14.16	240	391415	20.00	ng		0.00
86) Perylene-d12	15.70	264	396382	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	399878	47.08	ng		0.00
7) Phenol-d6	6.60	99	495495	47.69	ng		0.00
23) Nitrobenzene-d5	7.53	82	440474	57.68	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	147083	68.09	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	867356	55.07	ng		0.00
78) Terphenyl-d14	13.08	244	878416	52.09	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.83	88	83608	19.992	ng	#	88
3) Pyridine	3.63	79	213889m	18.594	ng		
4) n-Nitrosodimethylamine	3.60	42	63735m	15.027	ng		
6) Aniline	6.64	93	308151	20.769	ng		94
8) 2-Chlorophenol	6.76	128	223577	25.129	ng		94
9) Benzaldehyde	6.53	77	151451	22.186	ng		96
10) Phenol	6.62	94	263606	23.874	ng		97
11) bis(2-Chloroethyl)ether	6.70	93	241972	26.547	ng		92
12) 1,3-Dichlorobenzene	6.90	146	248556	24.529	ng		99
13) 1,4-Dichlorobenzene	6.98	146	266950	26.216	ng		99
14) 1,2-Dichlorobenzene	7.13	146	241499	25.558	ng		99
15) Benzyl Alcohol	7.11	79	168849	20.973	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.23	45	260489	20.093	ng		62
17) 2-Methylphenol	7.22	107	183637	23.178	ng	#	90
18) Hexachloroethane	7.47	117	90487	25.263	ng		96
19) n-Nitroso-di-n-propylamine	7.37	70	153357	23.030	ng		93
20) 3+4-Methylphenols	7.37	107	248012	24.666	ng	#	45
22) Acetophenone	7.37	105	329943	24.106	ng		98
24) Nitrobenzene	7.55	77	236734	26.404	ng		96
25) Isophorone	7.78	82	400046	22.628	ng		98
26) 2-Nitrophenol	7.86	139	121749	41.530	ng		94
27) 2,4-Dimethylphenol	7.90	122	173154	22.862	ng		95
28) bis(2-Chloroethoxy)methane	7.99	93	252505	23.587	ng		98
29) 2,4-Dichlorophenol	8.11	162	181495	26.340	ng		98
30) 1,2,4-Trichlorobenzene	8.19	180	206140	25.794	ng		98
31) Naphthalene	8.27	128	660360	24.546	ng		99
32) Benzoic acid	8.02	122	115373	25.403	ng		97
33) 4-Chloroaniline	8.32	127	286538	25.387	ng		97
34) Hexachlorobutadiene	8.37	225	114318	26.089	ng		99
35) Caprolactam	8.69	113	58036	24.460	ng	#	74
36) 4-Chloro-3-methylphenol	8.80	107	193956	25.533	ng		97
37) 2-Methylnaphthalene	8.96	142	440006	25.791	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	195886	27.329	ng		99
40) Hexachlorocyclopentadiene	9.10	237	73144	19.777	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	125713	27.421	ng		100
43) 2,4,5-Trichlorophenol	9.29	196	148498	28.698	ng		94
45) 1,1'-Biphenyl	9.42	154	556943	26.585	ng		98
46) 2-Chloronaphthalene	9.45	162	438899	26.377	ng		97
47) 2-Nitroaniline	9.56	65	121566	31.281	ng		95
48) Acenaphthylene	9.87	152	664964	25.771	ng		99
49) Dimethylphthalate	9.72	163	502374	26.208	ng		99
50) 2,6-Dinitrotoluene	9.79	165	108978	31.640	ng		98
51) Acenaphthene	10.04	154	381899	24.927	ng		99
52) 3-Nitroaniline	9.97	138	123733	29.749	ng		99
53) 2,4-Dinitrophenol	10.07	184	38742	54.262	ng	#	30
54) Dibenzofuran	10.21	168	567066	25.915	ng		99
55) 4-Nitrophenol	10.15	139	71432	23.177	ng		86
56) 2,4-Dinitrotoluene	10.20	165	143119	33.873	ng	#	88
57) Fluorene	10.56	166	466334	27.464	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	111590	30.434	ng		91
59) Diethylphthalate	10.42	149	490837	25.799	ng		98
60) 4-Chlorophenyl-phenylether	10.54	204	216083	27.846	ng		96
61) 4-Nitroaniline	10.59	138	117370	29.302	ng		93
62) Azobenzene	10.70	77	439079	22.700	ng		93
64) 4,6-Dinitro-2-methylphenol	10.60	198	69784	45.976	ng		85
65) n-Nitrosodiphenylamine	10.66	169	402095	25.202	ng		99
66) 4-Bromophenyl-phenylether	11.03	248	129471	26.902	ng		92
67) Hexachlorobenzene	11.10	284	146350	26.643	ng	#	84
68) Atrazine	11.19	200	126140	25.557	ng		97
69) Pentachlorophenol	11.30	266	76411	24.196	ng		94
70) Phenanthrene	11.52	178	648098	25.276	ng		99
71) Anthracene	11.57	178	680751	26.140	ng		98
72) Carbazole	11.73	167	652657	25.784	ng		99
73) Di-n-butylphthalate	12.04	149	796191	26.215	ng		99
74) Fluoranthene	12.72	202	693896	26.268	ng		98
76) Benzidine	12.84	184	297752	17.836	ng		99
77) Pyrene	12.95	202	712115	24.773	ng		99
79) Butylbenzylphthalate	13.55	149	344250	27.030	ng		95
80) Benzo(a)anthracene	14.14	228	620029	25.025	ng		99
81) 3,3'-Dichlorobenzidine	14.10	252	215582	26.013	ng		97
82) Chrysene	14.18	228	601716	25.477	ng		99
83) Bis(2-ethylhexyl)phthalate	14.10	149	453673	24.935	ng		99
84) Di-n-octyl phthalate	14.73	149	761065	28.753	ng	#	94
85) Indeno(1,2,3-cd)pyrene	17.28	276	639092	30.985	ng		97
87) Benzo(b)fluoranthene	15.23	252	597084	23.843	ng		98
88) Benzo(k)fluoranthene	15.27	252	573893	23.840	ng		98
89) Benzo(a)pyrene	15.63	252	559290	24.623	ng		98
90) Dibenzo(a,h)anthracene	17.30	278	530535	26.975	ng		97
91) Benzo(g,h,i)perylene	17.76	276	527747	27.582	ng		95

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

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