Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031518\
Data File : BF103673.D
Acq On : 15 Mar 2018 17:00
Operator : JU/SJ
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Sohil
3/16/2018 12:06:13 PM

Quant Time: Mar 15 18:24:01 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 15 16:35:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	151045	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	630570	20.00	ng		0.00
38) Acenaphthene-d10	10.02	164	286082	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	500788	20.00	ng		0.00
75) Chrysene-d12	14.16	240	355874	20.00	ng		0.00
86) Perylene-d12	15.67	264	283266	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	1452159	145.41	ng		0.01
7) Phenol-d6	6.60	99	1762614	144.23	ng		0.01
23) Nitrobenzene-d5	7.54	82	1519894	137.65	ng		0.00
41) 2,4,6-Tribromophenol	10.81	330	396278	163.65	ng		0.01
44) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng		
78) Terphenyl-d14	13.09	244	2159212	145.85	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.83	88	377681	71.602	ng		94
3) Pyridine	3.60	79	1057532	75.099	ng		92
4) n-Nitrosodimethylamine	3.58	42	384222	67.654	ng		91
6) Aniline	6.65	93	1339596	75.954	ng		98
8) 2-Chlorophenol	6.76	128	769678	74.188	ng		98
9) Benzaldehyde	6.53	77	566592	73.962	ng		99
10) Phenol	6.61	94	937330	66.071	ng		100
11) bis(2-Chloroethyl)ether	6.71	93	796195	73.945	ng		97
12) 1,3-Dichlorobenzene	6.92	146	847074	71.447	ng		100
13) 1,4-Dichlorobenzene	6.99	146	846857	71.245	ng		99
14) 1,2-Dichlorobenzene	7.15	146	762898	69.604	ng		100
15) Benzyl Alcohol	7.11	79	689235	74.846	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.25	45	1117175	60.421	ng		94
17) 2-Methylphenol	7.21	107	693862	73.594	ng		98
18) Hexachloroethane	7.49	117	320371	74.036	ng		97
19) n-Nitroso-di-n-propylamine	7.39	70	571858	75.189	ng		95
20) 3+4-Methylphenols	7.37	107	816887	71.077	ng	#	86
22) Acetophenone	7.39	105	1079202	73.322	ng		95
24) Nitrobenzene	7.56	77	846485	69.631	ng		95
25) Isophorone	7.80	82	1574595	72.407	ng		99
26) 2-Nitrophenol	7.87	139	359075	62.743	ng		98
27) 2,4-Dimethylphenol	7.90	122	679093	77.630	ng		97
28) bis(2-Chloroethoxy)methane	8.00	93	925237	72.365	ng		100
29) 2,4-Dichlorophenol	8.10	162	627021	74.866	ng		98
30) 1,2,4-Trichlorobenzene	8.19	180	670677	75.199	ng		98
31) Naphthalene	8.28	128	2163435	70.079	ng		99
32) Benzoic acid	8.05	122	564966m	97.841	ng		
33) 4-Chloroaniline	8.32	127	945925	71.006	ng		99
34) Hexachlorobutadiene	8.39	225	356884	76.843	ng		99
35) Caprolactam	8.72	113	237130m	80.560	ng		
36) 4-Chloro-3-methylphenol	8.80	107	669761	70.900	ng		99
37) 2-Methylnaphthalene	8.97	142	1365913	68.461	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	565855	72.352	ng		98
40) Hexachlorocyclopentadiene	9.12	237	354748	163.312	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	417590	79.352	ng		99
43) 2,4,5-Trichlorophenol	9.27	196	465410	76.894	ng		98
45) 1,1'-Biphenyl	9.43	154	1629400	67.970	ng		99
46) 2-Chloronaphthalene	9.46	162	1334907	70.387	ng		99
47) 2-Nitroaniline	9.55	65	423052m	60.220	ng		
48) Acenaphthylene	9.88	152	2033893	69.701	ng		98
49) Dimethylphthalate	9.74	163	1585820	69.099	ng		100
50) 2,6-Dinitrotoluene	9.80	165	342897	71.198	ng		96
51) Acenaphthene	10.05	154	1224661	71.974	ng		99
52) 3-Nitroaniline	9.97	138	415189	67.949	ng		94
53) 2,4-Dinitrophenol	10.07	184	103711	77.523	ng	#	23
54) Dibenzofuran	10.22	168	1743764	74.655	ng		97
55) 4-Nitrophenol	10.12	139	317240	83.770	ng		97
56) 2,4-Dinitrotoluene	10.20	165	451985	74.204	ng	#	95
57) Fluorene	10.57	166	1271921	63.924	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	336837	82.843	ng		98
59) Diethylphthalate	10.43	149	1533067	69.844	ng		98
60) 4-Chlorophenyl-phenylether	10.55	204	587854	69.669	ng		100
61) 4-Nitroaniline	10.59	138	398648	65.319	ng		96
62) Azobenzene	10.72	77	1535135	68.710	ng		96
64) 4,6-Dinitro-2-methylphenol	10.61	198	189226	67.577	ng		94
65) n-Nitrosodiphenylamine	10.67	169	1230041	70.543	ng		100
66) 4-Bromophenyl-phenylether	11.05	248	374882	71.862	ng		94
67) Hexachlorobenzene	11.11	284	423713	74.832	ng		95
68) Atrazine	11.20	200	392411	74.874	ng		99
69) Pentachlorophenol	11.30	266	283324	103.487	ng		98
70) Phenanthrene	11.53	178	1863303	67.609	ng		99
71) Anthracene	11.59	178	1901946	67.299	ng		99
72) Carbazole	11.73	167	1896706	67.395	ng		98
73) Di-n-butylphthalate	12.06	149	2250866	63.917	ng		99
74) Fluoranthene	12.72	202	1924902	69.504	ng		99
76) Benzidine	12.85	184	1151383	86.541	ng	#	93
77) Pyrene	12.96	202	1973300	71.120	ng		99
79) Butylbenzylphthalate	13.56	149	946554	64.570	ng		96
80) Benzo(a)anthracene	14.14	228	1664710	72.095	ng		99
81) 3,3'-Dichlorobenzidine	14.10	252	537933	65.279	ng		98
82) Chrysene	14.19	228	1528338	68.168	ng		100
83) Bis(2-ethylhexyl)phthalate	14.12	149	1251261	63.251	ng		100
84) Di-n-octyl phthalate	14.74	149	1944029	60.823	ng		98
85) Indeno(1,2,3-cd)pyrene	17.24	276	1334949	75.210	ng		98
87) Benzo(b)fluoranthene	15.23	252	1482395	79.594	ng		97
88) Benzo(k)fluoranthene	15.26	252	1255255	71.574	ng		100
89) Benzo(a)pyrene	15.62	252	1272483	76.509	ng		98
90) Dibenzo(a,h)anthracene	17.27	278	1093084	85.055	ng		98
91) Benzo(g,h,i)perylene	17.73	276	1092537	86.983	ng		98

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

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