Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062717\
Data File : BF096211.D
Acq On : 27 Jun 2017 11:48
Operator : SJ/MA
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICCC040

Quant Time: Jun 27 13:51:43 2017
Quant Method : Z:\HPCHEM1\BNA_F\Methods\8270-BF062717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 27 13:51:23 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	217663	20.00	ng		0.00
21) Naphthalene-d8	8.06	136	932502	20.00	ng		0.00
38) Acenaphthene-d10	9.82	164	399086	20.00	ng		0.00
63) Phenanthrene-d10	11.29	188	641965	20.00	ng		0.00
75) Chrysene-d12	13.93	240	435715	20.00	ng		0.00
86) Perylene-d12	15.34	264	431670	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	1197489	91.27	ng		0.00
7) Phenol-d6	6.41	99	1432735	92.63	ng		0.00
23) Nitrobenzene-d5	7.35	82	1113513	73.73	ng		0.00
41) 2,4,6-Tribromophenol	10.60	330	255697	81.91	ng		0.00
44) 2-Fluorobiphenyl	9.14	172	1837904	67.76	ng		0.00
78) Terphenyl-d14	12.87	244	1364635	83.71	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	287038	37.620	ng	#	79
3) Pyridine	3.20	79	802578	48.128	ng	#	70
4) n-Nitrosodimethylamine	3.15	42	398430	57.743	ng	#	88
6) Aniline	6.44	93	1009256	49.101	ng		99
8) 2-Chlorophenol	6.56	128	596680	39.968	ng		90
9) Benzaldehyde	6.32	77	452974	38.500	ng		95
10) Phenol	6.42	94	819313	43.121	ng		95
11) bis(2-Chloroethyl)ether	6.52	93	655601	47.232	ng		91
12) 1,3-Dichlorobenzene	6.72	146	644056	38.939	ng		97
13) 1,4-Dichlorobenzene	6.80	146	650057	39.064	ng		94
14) 1,2-Dichlorobenzene	6.95	146	590689	38.536	ng		100
15) Benzyl Alcohol	6.92	79	501138	43.678	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.06	45	1395493	76.680	ng		91
17) 2-Methylphenol	7.03	107	510174	43.390	ng		98
18) Hexachloroethane	7.30	117	240411	42.143	ng	#	78
19) n-Nitroso-di-n-propylamine	7.20	70	438353	42.774	ng	#	79
20) 3+4-Methylphenols	7.19	107	574091	35.932	ng		96
22) Acetophenone	7.19	105	764045	33.697	ng	#	95
24) Nitrobenzene	7.36	77	639963	40.241	ng		94
25) Isophorone	7.60	82	1201518	42.919	ng		98
26) 2-Nitrophenol	7.68	139	262924	30.774	ng		92
27) 2,4-Dimethylphenol	7.72	122	546145	39.353	ng		97
28) bis(2-Chloroethoxy)methane	7.82	93	806253	44.524	ng		99
29) 2,4-Dichlorophenol	7.92	162	480771	37.239	ng		95
30) 1,2,4-Trichlorobenzene	8.00	180	459797	34.448	ng		97
31) Naphthalene	8.09	128	1736862	38.744	ng		100
32) Benzoic acid	7.83	122	359775	49.024	ng		92
33) 4-Chloroaniline	8.13	127	736636	39.500	ng		98
34) Hexachlorobutadiene	8.21	225	230484	34.635	ng		99
35) Caprolactam	8.50	113	167650	41.336	ng	#	60
36) 4-Chloro-3-methylphenol	8.61	107	517817	38.272	ng		88
37) 2-Methylnaphthalene	8.77	142	1134392	36.987	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	371681	32.706	ng		99
40) Hexachlorocyclopentadiene	8.93	237	184353	40.100	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	294253	36.871	ng		96
43) 2,4,5-Trichlorophenol	9.09	196	321383	39.215	ng		99
45) 1,1'-Biphenyl	9.24	154	1228716	37.683	ng		98
46) 2-Chloronaphthalene	9.26	162	980862	37.832	ng	#	93
47) 2-Nitroaniline	9.35	65	330470	44.309	ng		97
48) Acenaphthylene	9.67	152	1627095	40.258	ng		100
49) Dimethylphthalate	9.54	163	1114483	37.473	ng		100
50) 2,6-Dinitrotoluene	9.60	165	242937	36.391	ng	#	84
51) Acenaphthene	9.85	154	943667	38.982	ng		99
52) 3-Nitroaniline	9.76	138	307232	39.779	ng		99
53) 2,4-Dinitrophenol	9.86	184	73697	24.639	ng	#	81
54) Dibenzofuran	10.02	168	1288498	36.621	ng		99
55) 4-Nitrophenol	9.91	139	255901	46.898	ng	#	58
56) 2,4-Dinitrotoluene	9.99	165	316582	38.649	ng	#	71
57) Fluorene	10.36	166	920333	33.591	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.13	232	220999	37.622	ng		96
59) Diethylphthalate	10.24	149	1135318	40.457	ng		99
60) 4-Chlorophenyl-phenylether	10.36	204	380868	33.403	ng		97
61) 4-Nitroaniline	10.37	138	265907	33.866	ng		94
62) Azobenzene	10.52	77	1127837	41.394	ng		93
64) 4,6-Dinitro-2-methylphenol	10.40	198	122897	29.219	ng		91
65) n-Nitrosodiphenylamine	10.47	169	902448	40.420	ng		98
66) 4-Bromophenyl-phenylether	10.84	248	262316	41.151	ng		95
67) Hexachlorobenzene	10.91	284	271546	42.270	ng	#	88
68) Atrazine	11.00	200	242897	36.366	ng		94
69) Pentachlorophenol	11.10	266	169552	66.469	ng		99
70) Phenanthrene	11.32	178	1385509	38.326	ng		100
71) Anthracene	11.37	178	1437827	38.450	ng		99
72) Carbazole	11.52	167	1533390	43.689	ng		98
73) Di-n-butylphthalate	11.86	149	1700609	44.007	ng		99
74) Fluoranthene	12.50	202	1384859	36.962	ng		98
76) Benzidine	12.62	184	697601	39.542	ng	#	94
77) Pyrene	12.73	202	1444723	47.459	ng		99
79) Butylbenzylphthalate	13.35	149	695123	52.104	ng	#	75
80) Benzo(a)anthracene	13.91	228	1079130	42.611	ng		99
81) 3,3'-Dichlorobenzidine	13.87	252	438384	48.899	ng		98
82) Chrysene	13.95	228	1112871	48.083	ng		99
83) Bis(2-ethylhexyl)phthalate	13.92	149	776538	43.352	ng		98
84) Di-n-octyl phthalate	14.53	149	1555652	51.775	ng	#	91
85) Indeno(1,2,3-cd)pyrene	16.73	276	915982	41.594	ng		96
87) Benzo(b)fluoranthene	14.94	252	1077266	40.795	ng		98
88) Benzo(k)fluoranthene	14.97	252	1057975	42.337	ng		98
89) Benzo(a)pyrene	15.29	252	1002635	40.813	ng	#	97
90) Dibenzo(a,h)anthracene	16.76	278	767378	37.619	ng		97
91) Benzo(g,h,i)perylene	17.16	276	778363	37.479	ng		99

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

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