Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121917\
Data File : BF101542.D
Acq On : 20 Dec 2017 1:10
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
12/20/2017 3:48:12 PM

Quant Time: Dec 20 07:23:21 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 18 15:38:59 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	143237	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	561178	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	235411	20.00	ng		0.00
63) Phenanthrene-d10	11.34	188	369339	20.00	ng		0.00
75) Chrysene-d12	13.99	240	281470	20.00	ng		0.00
86) Perylene-d12	15.46	264	322490	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	778173	80.93	ng		0.00
7) Phenol-d6	6.45	99	868121	72.54	ng		0.00
23) Nitrobenzene-d5	7.38	82	793350	78.70	ng		0.00
41) 2,4,6-Tribromophenol	10.65	330	156863	69.15	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	1216479	80.16	ng		0.00
78) Terphenyl-d14	12.92	244	839739	71.92	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.52	88	186961	37.839	ng		94
3) Pyridine	3.28	79	531230	38.697	ng		99
4) n-Nitrosodimethylamine	3.25	42	242393	38.349	ng	#	96
6) Aniline	6.47	93	610130	36.687	ng	#	85
8) 2-Chlorophenol	6.60	128	382080	37.772	ng		96
9) Benzaldehyde	6.37	77	325503	36.829	ng		98
10) Phenol	6.47	94	501906	36.797	ng		74
11) bis(2-Chloroethyl)ether	6.55	93	401963	37.569	ng		94
12) 1,3-Dichlorobenzene	6.75	146	429999	37.665	ng		98
13) 1,4-Dichlorobenzene	6.83	146	434774	37.293	ng		98
14) 1,2-Dichlorobenzene	6.98	146	395986	37.735	ng		97
15) Benzyl Alcohol	6.96	79	295985	35.933	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.08	45	593052	36.218	ng		62
17) 2-Methylphenol	7.07	107	331116	35.586	ng	#	91
18) Hexachloroethane	7.31	117	143060	35.295	ng		95
19) n-Nitroso-di-n-propylamine	7.23	70	275270	35.025	ng		96
20) 3+4-Methylphenols	7.23	107	391328	39.689	ng	#	55
22) Acetophenone	7.23	105	499916	39.041	ng	#	90
24) Nitrobenzene	7.40	77	434409	38.935	ng		95
25) Isophorone	7.63	82	737447	36.465	ng		96
26) 2-Nitrophenol	7.72	139	196341	40.961	ng		97
27) 2,4-Dimethylphenol	7.75	122	303291	37.244	ng		97
28) bis(2-Chloroethoxy)methane	7.84	93	483847	37.664	ng		99
29) 2,4-Dichlorophenol	7.96	162	312048	38.787	ng		97
30) 1,2,4-Trichlorobenzene	8.03	180	322706	38.009	ng		96
31) Naphthalene	8.12	128	1038227	36.749	ng		99
32) Benzoic acid	7.89	122	146532m	30.237	ng		
33) 4-Chloroaniline	8.17	127	457020	37.219	ng		97
34) Hexachlorobutadiene	8.22	225	187534	38.191	ng		99
35) Caprolactam	8.55	113	95702	34.258	ng	#	85
36) 4-Chloro-3-methylphenol	8.66	107	330556	37.382	ng		98
37) 2-Methylnaphthalene	8.80	142	663211	36.031	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	317989	40.008	ng		97
40) Hexachlorocyclopentadiene	8.95	237	3543	14.357	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	197465	41.268	ng		100
43) 2,4,5-Trichlorophenol	9.15	196	206460	39.407	ng		95
45) 1,1'-Biphenyl	9.27	154	809350	38.767	ng		100
46) 2-Chloronaphthalene	9.30	162	608686	38.104	ng		98
47) 2-Nitroaniline	9.40	65	226956	41.127	ng		91
48) Acenaphthylene	9.71	152	924287	36.633	ng		100
49) Dimethylphthalate	9.57	163	703283	37.141	ng		99
50) 2,6-Dinitrotoluene	9.65	165	148681	38.633	ng		95
51) Acenaphthene	9.88	154	559996	36.942	ng		99
52) 3-Nitroaniline	9.82	138	190415	39.685	ng		93
53) 2,4-Dinitrophenol	9.97	184	2659	12.048	ng	#	17
54) Dibenzofuran	10.06	168	753194	39.098	ng		99
55) 4-Nitrophenol	10.00	139	118304	56.545	ng		94
56) 2,4-Dinitrotoluene	10.06	165	169436	39.076	ng	#	78
57) Fluorene	10.40	166	611089	37.498	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.18	232	143059	38.005	ng		88
59) Diethylphthalate	10.26	149	714285	38.092	ng		98
60) 4-Chlorophenyl-phenylether	10.39	204	310932	39.810	ng		91
61) 4-Nitroaniline	10.43	138	162523	33.698	ng		98
62) Azobenzene	10.55	77	697832	35.924	ng		97
64) 4,6-Dinitro-2-methylphenol	10.48	198	22534	11.956	ng		91
65) n-Nitrosodiphenylamine	10.51	169	585589	42.939	ng		96
66) 4-Bromophenyl-phenylether	10.87	248	180417	43.474	ng		91
67) Hexachlorobenzene	10.95	284	178595	40.662	ng	#	88
68) Atrazine	11.03	200	165952	40.810	ng		97
69) Pentachlorophenol	11.16	266	72316	45.425	ng		98
70) Phenanthrene	11.36	178	778425	37.899	ng		99
71) Anthracene	11.42	178	786934	37.508	ng		100
72) Carbazole	11.57	167	716367	36.469	ng		100
73) Di-n-butylphthalate	11.89	149	998212	41.869	ng		100
74) Fluoranthene	12.56	202	722800	33.526	ng		98
76) Benzidine	12.68	184	377405	31.747	ng		99
77) Pyrene	12.79	202	736006	34.842	ng		100
79) Butylbenzylphthalate	13.39	149	348845	36.497	ng		94
80) Benzo(a)anthracene	13.98	228	694490	37.367	ng		99
81) 3,3'-Dichlorobenzidine	13.94	252	243679	40.209	ng	#	96
82) Chrysene	14.02	228	659641	37.590	ng		100
83) Bis(2-ethylhexyl)phthalate	13.94	149	458168	37.844	ng		99
84) Di-n-octyl phthalate	14.56	149	843637	39.074	ng		98
85) Indeno(1,2,3-cd)pyrene	16.95	276	656248	41.995	ng		96
87) Benzo(b)fluoranthene	15.03	252	699263	35.574	ng		99
88) Benzo(k)fluoranthene	15.06	252	712816	37.298	ng		97
89) Benzo(a)pyrene	15.40	252	682287	37.653	ng		99
90) Dibenzo(a,h)anthracene	16.95	278	576064	37.027	ng		97
91) Benzo(g,h,i)perylene	17.40	276	522602	33.923	ng		95

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

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