Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082417\
Data File : BF098001.D
Acq On : 24 Aug 2017 14:50
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
8/25/2017 5:39:56 PM

Quant Time: Aug 25 01:13:52 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 21 15:59:04 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	124225	20.00	ng		-0.01
21) Naphthalene-d8	8.03	136	483942	20.00	ng		0.00
38) Acenaphthene-d10	9.77	164	211937	20.00	ng		-0.01
63) Phenanthrene-d10	11.26	188	417239	20.00	ng		0.00
75) Chrysene-d12	13.89	240	309746	20.00	ng		0.00
86) Perylene-d12	15.30	264	213826	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	656682	80.41	ng		-0.01
7) Phenol-d6	6.37	99	888593	80.08	ng		-0.01
23) Nitrobenzene-d5	7.31	82	796570	89.42	ng		-0.01
41) 2,4,6-Tribromophenol	10.56	330	159062	86.50	ng		-0.01
44) 2-Fluorobiphenyl	9.10	172	1096265	76.00	ng		0.00
78) Terphenyl-d14	12.84	244	1096425	73.82	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.41	88	182520	40.073	ng		89
3) Pyridine	3.12	79	504654	40.080	ng		88
4) n-Nitrosodimethylamine	3.08	42	188703	38.949	ng	#	78
6) Aniline	6.40	93	605871	38.867	ng		97
8) 2-Chlorophenol	6.53	128	346684	40.252	ng		99
9) Benzaldehyde	6.29	77	266043	37.852	ng		87
10) Phenol	6.39	94	525356	40.481	ng		95
11) bis(2-Chloroethyl)ether	6.48	93	380762	38.872	ng		97
12) 1,3-Dichlorobenzene	6.68	146	365765	39.481	ng	#	93
13) 1,4-Dichlorobenzene	6.76	146	369875	39.255	ng	#	93
14) 1,2-Dichlorobenzene	6.91	146	339015	39.021	ng		98
15) Benzyl Alcohol	6.89	79	325004	39.120	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.02	45	491477	37.292	ng		91
17) 2-Methylphenol	7.00	107	298705	39.355	ng		96
18) Hexachloroethane	7.25	117	148852	40.294	ng	#	78
19) n-Nitroso-di-n-propylamine	7.16	70	278320	36.640	ng		90
20) 3+4-Methylphenols	7.16	107	351800	37.949	ng	#	85
22) Acetophenone	7.16	105	479743	37.525	ng	#	89
24) Nitrobenzene	7.33	77	431742	43.527	ng		94
25) Isophorone	7.57	82	719300	38.831	ng		98
26) 2-Nitrophenol	7.64	139	170724	47.562	ng	#	71
27) 2,4-Dimethylphenol	7.68	122	310936	40.249	ng		95
28) bis(2-Chloroethoxy)methane	7.78	93	473660	38.894	ng		99
29) 2,4-Dichlorophenol	7.89	162	264697	41.276	ng		96
30) 1,2,4-Trichlorobenzene	7.97	180	280225	39.418	ng		97
31) Naphthalene	8.05	128	986930	39.283	ng		99
32) Benzoic acid	7.82	122	252972	45.351	ng		92
33) 4-Chloroaniline	8.10	127	418866	39.532	ng		99
34) Hexachlorobutadiene	8.16	225	163945	39.498	ng		98
35) Caprolactam	8.47	113	95007m	43.579	ng		
36) 4-Chloro-3-methylphenol	8.58	107	330734	40.141	ng	#	80
37) 2-Methylnaphthalene	8.74	142	609411	39.564	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	260188	40.003	ng		98
40) Hexachlorocyclopentadiene	8.89	237	122685	39.263	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	181944	41.665	ng		98
43) 2,4,5-Trichlorophenol	9.06	196	183090	42.263	ng		96
45) 1,1'-Biphenyl	9.20	154	758280	39.235	ng		97
46) 2-Chloronaphthalene	9.23	162	563635	39.470	ng		94
47) 2-Nitroaniline	9.32	65	229515	47.943	ng		95
48) Acenaphthylene	9.64	152	882143	39.338	ng		100
49) Dimethylphthalate	9.50	163	615036	39.700	ng		99
50) 2,6-Dinitrotoluene	9.57	165	135920	43.954	ng	#	73
51) Acenaphthene	9.81	154	536173	37.911	ng		99
52) 3-Nitroaniline	9.73	138	182269	45.685	ng		86
53) 2,4-Dinitrophenol	9.84	184	67819	50.402	ng	#	75
54) Dibenzofuran	9.98	168	743709	39.236	ng		98
55) 4-Nitrophenol	9.89	139	140072	44.011	ng	#	39
56) 2,4-Dinitrotoluene	9.97	165	178317	45.949	ng	#	57
57) Fluorene	10.33	166	581192	39.659	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.10	232	138384	41.258	ng		96
59) Diethylphthalate	10.20	149	626863	38.694	ng		99
60) 4-Chlorophenyl-phenylether	10.32	204	266579	39.156	ng		91
61) 4-Nitroaniline	10.35	138	182106	48.024	ng	#	72
62) Azobenzene	10.48	77	736656	38.280	ng		94
64) 4,6-Dinitro-2-methylphenol	10.37	198	94494	48.050	ng		87
65) n-Nitrosodiphenylamine	10.44	169	547486	38.533	ng		99
66) 4-Bromophenyl-phenylether	10.80	248	170069	39.252	ng		100
67) Hexachlorobenzene	10.87	284	170545	38.618	ng	#	81
68) Atrazine	10.96	200	141015	37.424	ng		98
69) Pentachlorophenol	11.06	266	104219	40.475	ng		97
70) Phenanthrene	11.28	178	846364	38.067	ng		100
71) Anthracene	11.33	178	872622	38.696	ng		100
72) Carbazole	11.49	167	845625	39.505	ng		98
73) Di-n-butylphthalate	11.83	149	995658	40.382	ng		99
74) Fluoranthene	12.47	202	929313	40.045	ng		98
76) Benzidine	12.59	184	322946m	31.799	ng		
77) Pyrene	12.69	202	959439	37.872	ng		98
79) Butylbenzylphthalate	13.32	149	409646	42.175	ng	#	71
80) Benzo(a)anthracene	13.88	228	693233	37.342	ng		99
81) 3,3'-Dichlorobenzidine	13.84	252	254068	40.558	ng	#	96
82) Chrysene	13.92	228	697629	37.777	ng		98
83) Bis(2-ethylhexyl)phthalate	13.88	149	464992	43.203	ng	#	99
84) Di-n-octyl phthalate	14.49	149	804869	42.978	ng		98
85) Indeno(1,2,3-cd)pyrene	16.68	276	482483	35.515	ng		93
87) Benzo(b)fluoranthene	14.90	252	568968m	42.214	ng		
88) Benzo(k)fluoranthene	14.93	252	515342	40.697	ng	#	94
89) Benzo(a)pyrene	15.24	252	490525	41.111	ng		98
90) Dibenzo(a,h)anthracene	16.70	278	414077	42.627	ng		98
91) Benzo(g,h,i)perylene	17.09	276	440733	43.483	ng	#	93

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

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