Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081517\
Data File : BF097682.D
Acq On : 15 Aug 2017 11:01
Operator : SJ/JU
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC050

Quant Time: Aug 15 12:08:45 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 15 12:05:01 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	130764	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	521299	20.00	ng		0.00
38) Acenaphthene-d10	9.82	164	233007	20.00	ng		0.00
63) Phenanthrene-d10	11.30	188	442808	20.00	ng		0.00
75) Chrysene-d12	13.94	240	299398	20.00	ng		0.00
86) Perylene-d12	15.36	264	247223	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	847584	97.71	ng		0.00
7) Phenol-d6	6.42	99	1146230	115.75	ng		0.00
23) Nitrobenzene-d5	7.36	82	1004691	113.06	ng		0.00
41) 2,4,6-Tribromophenol	10.61	330	215369	116.99	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	1445932	105.31	ng		0.00
78) Terphenyl-d14	12.89	244	1417556	96.53	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	240057	66.317	ng		89
3) Pyridine	3.20	79	668616	60.320	ng		89
4) n-Nitrosodimethylamine	3.17	42	263257	42.871	ng		85
6) Aniline	6.45	93	815834	65.468	ng		98
8) 2-Chlorophenol	6.57	128	450060	48.523	ng		94
9) Benzaldehyde	6.33	77	353474	60.304	ng		87
10) Phenol	6.43	94	697944	59.419	ng		95
11) bis(2-Chloroethyl)ether	6.53	93	509747	54.870	ng		96
12) 1,3-Dichlorobenzene	6.73	146	477512	47.772	ng	#	93
13) 1,4-Dichlorobenzene	6.80	146	481452	48.603	ng	#	93
14) 1,2-Dichlorobenzene	6.96	146	442924	51.210	ng		98
15) Benzyl Alcohol	6.93	79	435048	69.389	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.07	45	686709	36.854	ng		92
17) 2-Methylphenol	7.04	107	396881	55.442	ng		97
18) Hexachloroethane	7.30	117	194424	53.649	ng	#	78
19) n-Nitroso-di-n-propylamine	7.21	70	399120	61.231	ng		90
20) 3+4-Methylphenols	7.20	107	475375	50.845	ng		91
22) Acetophenone	7.20	105	658028	52.563	ng	#	83
24) Nitrobenzene	7.37	77	572087	61.815	ng		94
25) Isophorone	7.62	82	1008283	57.939	ng		96
26) 2-Nitrophenol	7.69	139	196305	39.206	ng	#	78
27) 2,4-Dimethylphenol	7.72	122	414610	50.198	ng		95
28) bis(2-Chloroethoxy)methane	7.83	93	653700	57.561	ng		99
29) 2,4-Dichlorophenol	7.92	162	354690	49.848	ng		91
30) 1,2,4-Trichlorobenzene	8.01	180	374863	55.271	ng		98
31) Naphthalene	8.09	128	1307721	53.217	ng		99
32) Benzoic acid	7.86	122	316141	51.259	ng		88
33) 4-Chloroaniline	8.14	127	556300	55.636	ng		99
34) Hexachlorobutadiene	8.21	225	221196	61.519	ng		97
35) Caprolactam	8.53	113	125630	55.062	ng		95
36) 4-Chloro-3-methylphenol	8.62	107	451288	58.135	ng	#	79
37) 2-Methylnaphthalene	8.78	142	805358	51.763	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	342417	55.076	ng		98
40) Hexachlorocyclopentadiene	8.94	237	180951	99.718	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	247167	54.860	ng		97
43) 2,4,5-Trichlorophenol	9.09	196	244398	54.195	ng		95
45) 1,1'-Biphenyl	9.25	154	997631	50.127	ng		97
46) 2-Chloronaphthalene	9.27	162	752033	51.349	ng	#	93
47) 2-Nitroaniline	9.36	65	288165	54.216	ng		93
48) Acenaphthylene	9.69	152	1200562	53.406	ng		100
49) Dimethylphthalate	9.56	163	843328	47.661	ng		99
50) 2,6-Dinitrotoluene	9.61	165	179950	47.951	ng	#	53
51) Acenaphthene	9.86	154	758117	57.253	ng		100
52) 3-Nitroaniline	9.78	138	232478	49.908	ng		88
53) 2,4-Dinitrophenol	9.87	184	73622	43.146	ng	#	72
54) Dibenzofuran	10.03	168	1014153	57.500	ng		98
55) 4-Nitrophenol	9.93	139	183465	66.230	ng	#	36
56) 2,4-Dinitrotoluene	10.01	165	231530	53.667	ng	#	49
57) Fluorene	10.37	166	749065	56.507	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.14	232	190834	61.288	ng		96
59) Diethylphthalate	10.25	149	877248	54.040	ng		100
60) 4-Chlorophenyl-phenylether	10.37	204	352729	64.437	ng	#	85
61) 4-Nitroaniline	10.39	138	220435	49.803	ng	#	63
62) Azobenzene	10.53	77	1036887	68.853	ng		94
64) 4,6-Dinitro-2-methylphenol	10.42	198	104470	37.967	ng		90
65) n-Nitrosodiphenylamine	10.49	169	724912	47.051	ng		99
66) 4-Bromophenyl-phenylether	10.86	248	228738	51.761	ng		95
67) Hexachlorobenzene	10.92	284	229887	46.390	ng	#	86
68) Atrazine	11.02	200	199489	45.154	ng		97
69) Pentachlorophenol	11.10	266	151120	73.703	ng		98
70) Phenanthrene	11.33	178	1117289	47.092	ng		99
71) Anthracene	11.38	178	1143384	47.052	ng		100
72) Carbazole	11.53	167	1098417	45.961	ng		99
73) Di-n-butylphthalate	11.87	149	1317160	44.586	ng		99
74) Fluoranthene	12.52	202	1192660	51.312	ng		99
76) Benzidine	12.64	184	525915	47.341	ng		97
77) Pyrene	12.74	202	1220194	49.782	ng		98
79) Butylbenzylphthalate	13.37	149	509669	40.878	ng	#	66
80) Benzo(a)anthracene	13.93	228	898807	46.396	ng		99
81) 3,3'-Dichlorobenzidine	13.90	252	324114	44.366	ng	#	96
82) Chrysene	13.97	228	905585	47.873	ng		100
83) Bis(2-ethylhexyl)phthalate	13.93	149	573847	35.251	ng	#	100
84) Di-n-octyl phthalate	14.54	149	1023054	34.246	ng		100
85) Indeno(1,2,3-cd)pyrene	16.77	276	668098	41.189	ng		96
87) Benzo(b)fluoranthene	14.96	252	745586	50.170	ng		99
88) Benzo(k)fluoranthene	14.99	252	755394	53.342	ng	#	95
89) Benzo(a)pyrene	15.31	252	696324	51.196	ng		99
90) Dibenzo(a,h)anthracene	16.79	278	567931	50.919	ng		98
91) Benzo(g,h,i)perylene	17.19	276	589769	50.422	ng		93

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

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