Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080317\
Data File : BF097331.D
Acq On : 3 Aug 2017 21:59
Operator : SJ/JU
Sample : I4559-03MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-008-BMSD

Manual Integrations APPROVED
Sohil
8/4/2017 5:30:23 PM

Quant Time: Aug 04 01:58:00 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 14:11:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.45	152	101480	20.00	ng		-0.05
21) Naphthalene-d8	7.73	136	423304	20.00	ng		-0.06
38) Acenaphthene-d10	9.47	164	192442	20.00	ng		-0.06
63) Phenanthrene-d10	10.94	188	292929	20.00	ng		-0.06
75) Chrysene-d12	13.56	240	175244	20.00	ng		-0.07
86) Perylene-d12	14.90	264	173250	20.00	ng		-0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.05	112	659882	98.03	ng		-0.05
7) Phenol-d6	6.12	99	818491	106.50	ng		-0.05
23) Nitrobenzene-d5	7.02	82	479305	66.42	ng		-0.06
41) 2,4,6-Tribromophenol	10.26	330	148068	97.38	ng		-0.06
44) 2-Fluorobiphenyl	8.80	172	803083	70.82	ng		-0.06
78) Terphenyl-d14	12.52	244	542014	63.06	ng		-0.07
Target Compounds							Qvalue
2) 1,4-Dioxane	1.96	88	72536	25.821	ng	#	74
3) Pyridine	2.57	79	250101	29.074	ng	#	63
4) n-Nitrosodimethylamine	2.52	42	163490	34.307	ng	#	78
6) Aniline	6.11	93	329515	34.073	ng		89
8) 2-Chlorophenol	6.24	128	269469	37.436	ng		97
9) Benzaldehyde	5.99	77	139550	30.678	ng		93
10) Phenol	6.13	94	363894	39.920	ng		97
11) bis(2-Chloroethyl)ether	6.19	93	269970	37.446	ng		92
12) 1,3-Dichlorobenzene	6.38	146	270547	34.877	ng		96
13) 1,4-Dichlorobenzene	6.46	146	273073	35.522	ng		95
14) 1,2-Dichlorobenzene	6.62	146	241904	36.039	ng		98
15) Benzyl Alcohol	6.61	79	209610	43.080	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.74	45	530350	36.676	ng		62
17) 2-Methylphenol	6.73	107	211252	38.026	ng	#	89
18) Hexachloroethane	6.95	117	88326	31.406	ng	#	80
19) n-Nitroso-di-n-propylamine	6.87	70	182490	36.076	ng	#	81
20) 3+4-Methylphenols	6.89	107	284686	39.236	ng	#	63
22) Acetophenone	6.86	105	347968	34.230	ng	#	98
24) Nitrobenzene	7.03	77	264238	35.161	ng		96
25) Isophorone	7.28	82	499875	35.374	ng		98
26) 2-Nitrophenol	7.35	139	134634	33.114	ng	#	84
27) 2,4-Dimethylphenol	7.41	122	228544	34.076	ng		97
28) bis(2-Chloroethoxy)methane	7.49	93	315690	34.233	ng		98
29) 2,4-Dichlorophenol	7.61	162	210676	36.463	ng		98
30) 1,2,4-Trichlorobenzene	7.67	180	188179	34.169	ng		98
31) Naphthalene	7.75	128	714071	35.786	ng		99
32) Benzoic acid	7.55	122	85850	17.142	ng		96
33) 4-Chloroaniline	7.81	127	273941	33.740	ng		98
34) Hexachlorobutadiene	7.87	225	94529	32.377	ng		97
35) Caprolactam	8.18	113	74722m	40.331	ng		
36) 4-Chloro-3-methylphenol	8.32	107	221537	35.145	ng		88
37) 2-Methylnaphthalene	8.44	142	472396	37.391	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.60	216	178187	34.702	ng		99
40) Hexachlorocyclopentadiene	8.59	237	24368	19.044	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.73	196	129607	34.830	ng		97
43) 2,4,5-Trichlorophenol	8.77	196	138675	37.233	ng		99
45) 1,1'-Biphenyl	8.90	154	553689	33.685	ng		97
46) 2-Chloronaphthalene	8.92	162	431120	35.642	ng		94
47) 2-Nitroaniline	9.03	65	182205	41.507	ng		98
48) Acenaphthylene	9.33	152	652089	35.122	ng		99
49) Dimethylphthalate	9.21	163	651359	44.572	ng		99
50) 2,6-Dinitrotoluene	9.27	165	113346	36.569	ng	#	81
51) Acenaphthene	9.50	154	391587	35.806	ng		100
52) 3-Nitroaniline	9.44	138	137077	35.630	ng		95
53) 2,4-Dinitrophenol	9.57	184	23242	16.492	ng	#	71
54) Dibenzofuran	9.67	168	569094	39.068	ng		97
55) 4-Nitrophenol	9.63	139	146300	63.946	ng	#	61
56) 2,4-Dinitrotoluene	9.68	165	140625	39.467	ng	#	72
57) Fluorene	10.02	166	412223	37.652	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.80	232	101909	39.628	ng		99
59) Diethylphthalate	9.90	149	502106	37.451	ng		99
60) 4-Chlorophenyl-phenylether	10.01	204	166972	36.932	ng		97
61) 4-Nitroaniline	10.05	138	136514	37.344	ng		92
62) Azobenzene	10.17	77	491916	39.551	ng		93
64) 4,6-Dinitro-2-methylphenol	10.09	198	24346	13.375	ng		90
65) n-Nitrosodiphenylamine	10.13	169	395994	38.853	ng		98
66) 4-Bromophenyl-phenylether	10.49	248	107066	36.625	ng		93
67) Hexachlorobenzene	10.56	284	112930	34.449	ng	#	88
68) Atrazine	10.67	200	110849	37.928	ng		95
69) Pentachlorophenol	10.76	266	83566	61.609	ng		99
70) Phenanthrene	10.96	178	589278	37.545	ng		99
71) Anthracene	11.02	178	601863	37.440	ng		99
72) Carbazole	11.18	167	576521	36.466	ng		98
73) Di-n-butylphthalate	11.52	149	785006	40.169	ng		99
74) Fluoranthene	12.14	202	540077	35.125	ng		96
76) Benzidine	12.27	184	275449	42.361	ng	#	92
77) Pyrene	12.36	202	539298	37.590	ng		99
79) Butylbenzylphthalate	13.00	149	277369	38.007	ng	#	77
80) Benzo(a)anthracene	13.55	228	407923	35.975	ng		99
81) 3,3'-Dichlorobenzidine	13.52	252	150926	35.296	ng		98
82) Chrysene	13.59	228	391666	35.374	ng		99
83) Bis(2-ethylhexyl)phthalate	13.56	149	348944	36.622	ng		99
84) Di-n-octyl phthalate	14.17	149	602270	34.443	ng	#	91
85) Indeno(1,2,3-cd)pyrene	16.10	276	314740	33.151	ng		96
87) Benzo(b)fluoranthene	14.55	252	396404	38.063	ng		98
88) Benzo(k)fluoranthene	14.57	252	317044	31.947	ng	#	93
89) Benzo(a)pyrene	14.85	252	363302	38.116	ng		98
90) Dibenzo(a,h)anthracene	16.10	278	265763	34.001	ng		98
91) Benzo(g,h,i)perylene	16.44	276	253116	30.880	ng		98

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

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