Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080217\
Data File : BF097282.D
Acq On : 2 Aug 2017 19:20
Operator : SJ/JU
Sample : I4534-01MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11938MSD

Manual Integrations APPROVED
Sohil
8/3/2017 6:08:08 PM

Quant Time: Aug 02 23:33:02 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	117482	20.00	ng		-0.05
21) Naphthalene-d8	7.73	136	502734	20.00	ng		-0.05
38) Acenaphthene-d10	9.48	164	221107	20.00	ng		-0.05
63) Phenanthrene-d10	10.95	188	366104	20.00	ng		-0.05
75) Chrysene-d12	13.57	240	223101	20.00	ng		-0.05
86) Perylene-d12	14.92	264	201364	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.06	112	759049	97.40	ng		-0.04
7) Phenol-d6	6.13	99	892153	100.28	ng		-0.04
23) Nitrobenzene-d5	7.03	82	575528	67.16	ng		-0.05
41) 2,4,6-Tribromophenol	10.27	330	196233	112.33	ng		-0.05
44) 2-Fluorobiphenyl	8.82	172	887614	68.13	ng		-0.05
78) Terphenyl-d14	12.53	244	725256	66.28	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	1.98	88	94936	29.191	ng	#	71
3) Pyridine	2.59	79	267189	26.830	ng	#	62
4) n-Nitrosodimethylamine	2.54	42	177614	32.194	ng	#	78
6) Aniline	6.12	93	353801	31.601	ng		92
8) 2-Chlorophenol	6.25	128	285717	34.287	ng		98
9) Benzaldehyde	5.99	77	163427	31.034	ng		96
10) Phenol	6.14	94	372214	35.271	ng		95
11) bis(2-Chloroethyl)ether	6.20	93	270325	32.388	ng		90
12) 1,3-Dichlorobenzene	6.39	146	287166	31.977	ng		98
13) 1,4-Dichlorobenzene	6.47	146	328621	36.925	ng		95
14) 1,2-Dichlorobenzene	6.62	146	280263	36.067	ng		99
15) Benzyl Alcohol	6.62	79	245205	43.531	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.75	45	634028	37.873	ng		61
17) 2-Methylphenol	6.74	107	251713	39.138	ng	#	89
18) Hexachloroethane	6.96	117	107407	32.988	ng	#	80
19) n-Nitroso-di-n-propylamine	6.89	70	209280	35.736	ng	#	82
20) 3+4-Methylphenols	6.90	107	325888	38.797	ng	#	63
22) Acetophenone	6.87	105	410690	34.017	ng		97
24) Nitrobenzene	7.05	77	302582	33.902	ng		91
25) Isophorone	7.29	82	615542	36.677	ng		99
26) 2-Nitrophenol	7.36	139	164247	34.015	ng		91
27) 2,4-Dimethylphenol	7.42	122	264255	33.175	ng		96
28) bis(2-Chloroethoxy)methane	7.50	93	386608	35.300	ng		98
29) 2,4-Dichlorophenol	7.61	162	269594	39.288	ng		94
30) 1,2,4-Trichlorobenzene	7.68	180	237484	36.309	ng		97
31) Naphthalene	7.76	128	891576	37.622	ng		99
32) Benzoic acid	7.54	122	38142	6.413	ng	#	78
33) 4-Chloroaniline	7.82	127	339339	35.191	ng		99
34) Hexachlorobutadiene	7.88	225	117191	33.797	ng		97
35) Caprolactam	8.19	113	92534m	42.054	ng		
36) 4-Chloro-3-methylphenol	8.33	107	282210	37.697	ng		90
37) 2-Methylnaphthalene	8.45	142	548817	36.577	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.62	216	206608	35.020	ng		99
40) Hexachlorocyclopentadiene	8.60	237	113102	56.897	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.74	196	142722	33.383	ng		98
43) 2,4,5-Trichlorophenol	8.79	196	152127	35.550	ng		97
45) 1,1'-Biphenyl	8.91	154	619526	32.804	ng		98
46) 2-Chloronaphthalene	8.93	162	473230	34.051	ng		94
47) 2-Nitroaniline	9.04	65	213468	42.324	ng		97
48) Acenaphthylene	9.34	152	718070	33.662	ng		99
49) Dimethylphthalate	9.23	163	760832	45.313	ng		99
50) 2,6-Dinitrotoluene	9.29	165	131123	36.820	ng	#	85
51) Acenaphthene	9.52	154	462544	36.811	ng		98
52) 3-Nitroaniline	9.45	138	162243	36.705	ng		96
53) 2,4-Dinitrophenol	9.57	184	69317	42.810	ng	#	75
54) Dibenzofuran	9.69	168	646508	38.628	ng		97
55) 4-Nitrophenol	9.65	139	154280	58.692	ng	#	69
56) 2,4-Dinitrotoluene	9.69	165	167839	40.998	ng	#	73
57) Fluorene	10.03	166	486519	38.677	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.82	232	123456	41.783	ng		98
59) Diethylphthalate	9.92	149	583755	37.896	ng		99
60) 4-Chlorophenyl-phenylether	10.02	204	200324	38.565	ng		97
61) 4-Nitroaniline	10.07	138	159520	37.980	ng		93
62) Azobenzene	10.18	77	651821	45.613	ng		92
64) 4,6-Dinitro-2-methylphenol	10.10	198	94781	41.663	ng		90
65) n-Nitrosodiphenylamine	10.15	169	499666	39.226	ng		96
66) 4-Bromophenyl-phenylether	10.50	248	141387	38.698	ng		93
67) Hexachlorobenzene	10.57	284	146669	35.798	ng	#	89
68) Atrazine	10.68	200	151248	41.407	ng		93
69) Pentachlorophenol	10.77	266	111229	65.613	ng		99
70) Phenanthrene	10.98	178	756202	38.550	ng		98
71) Anthracene	11.03	178	771136	38.382	ng		99
72) Carbazole	11.19	167	763605	38.646	ng		99
73) Di-n-butylphthalate	11.53	149	929827	38.070	ng		98
74) Fluoranthene	12.16	202	812185	42.264	ng		98
76) Benzidine	12.29	184	441860	53.377	ng	#	93
77) Pyrene	12.38	202	780715	42.745	ng		99
79) Butylbenzylphthalate	13.02	149	430818	46.371	ng	#	81
80) Benzo(a)anthracene	13.56	228	552878	38.300	ng		99
81) 3,3'-Dichlorobenzidine	13.53	252	159650	29.327	ng	#	97
82) Chrysene	13.60	228	542673	38.499	ng		100
83) Bis(2-ethylhexyl)phthalate	13.58	149	495341	40.834	ng		98
84) Di-n-octyl phthalate	14.19	149	871795	39.162	ng	#	93
85) Indeno(1,2,3-cd)pyrene	16.13	276	430912	35.651	ng		98
87) Benzo(b)fluoranthene	14.56	252	471626	38.963	ng		97
88) Benzo(k)fluoranthene	14.59	252	419484	36.368	ng		98
89) Benzo(a)pyrene	14.87	252	420874	37.991	ng		98
90) Dibenzo(a,h)anthracene	16.13	278	350551	38.587	ng	#	95
91) Benzo(g,h,i)perylene	16.48	276	385549	40.470	ng		99

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

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