Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072117\
Data File : BF096957.D
Acq On : 21 Jul 2017 21:23
Operator : SJ/JU
Sample : I4352-01MS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-SF-03-001-AMS

Manual Integrations APPROVED
Sohil
7/24/2017 3:05:22 PM

Quant Time: Jul 22 02:03:19 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 18 13:33:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	110128	20.00	ng		-0.04
21) Naphthalene-d8	7.84	136	451751	20.00	ng		-0.05
38) Acenaphthene-d10	9.59	164	174302	20.00	ng		-0.05
63) Phenanthrene-d10	11.06	188	236073	20.00	ng		-0.04
75) Chrysene-d12	13.69	240	178987	20.00	ng		-0.04
86) Perylene-d12	15.05	264	194337	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.17	112	811803	110.84	ng		-0.02
7) Phenol-d6	6.23	99	930883	105.91	ng		-0.02
23) Nitrobenzene-d5	7.13	82	567818	77.86	ng		-0.04
41) 2,4,6-Tribromophenol	10.37	330	138965	93.40	ng		-0.05
44) 2-Fluorobiphenyl	8.92	172	891465	80.80	ng		-0.04
78) Terphenyl-d14	12.64	244	508183	49.24	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	2.17	88	112413	29.827	ng	#	72
3) Pyridine	2.82	79	374236	47.249	ng	#	68
4) n-Nitrosodimethylamine	2.76	42	226772	51.198	ng		85
6) Aniline	6.22	93	239970	22.165	ng	#	66
8) 2-Chlorophenol	6.35	128	286215	36.223	ng		96
9) Benzaldehyde	6.10	77	113398	22.322	ng		98
10) Phenol	6.24	94	394494	39.703	ng		93
11) bis(2-Chloroethyl)ether	6.30	93	289482	38.743	ng		92
12) 1,3-Dichlorobenzene	6.50	146	307106	36.564	ng		100
13) 1,4-Dichlorobenzene	6.57	146	311920	36.671	ng		96
14) 1,2-Dichlorobenzene	6.73	146	280626	36.273	ng		97
15) Benzyl Alcohol	6.72	79	214903	37.346	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.85	45	571488	37.061	ng		79
17) 2-Methylphenol	6.84	107	222914	36.279	ng	#	91
18) Hexachloroethane	7.07	117	98671	32.715	ng	#	82
19) n-Nitroso-di-n-propylamine	6.99	70	194633	36.756	ng	#	84
20) 3+4-Methylphenols	6.99	107	295446	39.624	ng	#	63
22) Acetophenone	6.97	105	378371	37.474	ng		95
24) Nitrobenzene	7.15	77	281960	37.381	ng		93
25) Isophorone	7.39	82	508139	37.453	ng		97
26) 2-Nitrophenol	7.46	139	156108	37.220	ng		91
27) 2,4-Dimethylphenol	7.52	122	251768	36.488	ng		97
28) bis(2-Chloroethoxy)methane	7.60	93	344682	37.596	ng		99
29) 2,4-Dichlorophenol	7.71	162	226575	36.276	ng		96
30) 1,2,4-Trichlorobenzene	7.79	180	214991	36.203	ng		99
31) Naphthalene	7.86	128	791159	36.969	ng		100
32) Benzoic acid	7.65	122	88138	19.986	ng		93
33) 4-Chloroaniline	7.92	127	140262	16.543	ng		98
34) Hexachlorobutadiene	7.99	225	112653	35.535	ng		96
35) Caprolactam	8.29	113	69983m	34.970	ng		
36) 4-Chloro-3-methylphenol	8.42	107	223754	33.318	ng		91
37) 2-Methylnaphthalene	8.55	142	520232	38.130	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	174592	37.054	ng		99
40) Hexachlorocyclopentadiene	8.71	237	32861	22.372	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.84	196	130449	37.533	ng		99
43) 2,4,5-Trichlorophenol	8.89	196	128851	36.760	ng		96
45) 1,1'-Biphenyl	9.02	154	560094	37.467	ng		98
46) 2-Chloronaphthalene	9.04	162	423330	38.458	ng		95
47) 2-Nitroaniline	9.14	65	149229	39.440	ng		95
48) Acenaphthylene	9.45	152	642230	36.618	ng		99
49) Dimethylphthalate	9.33	163	652474	49.715	ng		98
50) 2,6-Dinitrotoluene	9.39	165	107704	37.887	ng	#	91
51) Acenaphthene	9.62	154	362213	34.960	ng		97
52) 3-Nitroaniline	9.55	138	79605	23.638	ng		96
53) 2,4-Dinitrophenol	9.66	184	40970	33.395	ng	#	75
54) Dibenzofuran	9.79	168	527749	36.349	ng		98
55) 4-Nitrophenol	9.73	139	122842	49.930	ng	#	58
56) 2,4-Dinitrotoluene	9.79	165	118473	32.432	ng	#	63
57) Fluorene	10.13	166	382465	35.648	ng		98
58) 2,3,4,6-Tetrachlorophenol	9.92	232	87153	35.851	ng		98
59) Diethylphthalate	10.02	149	453719	35.512	ng		100
60) 4-Chlorophenyl-phenylether	10.13	204	165827	35.200	ng		98
61) 4-Nitroaniline	10.16	138	98630	31.188	ng		91
62) Azobenzene	10.29	77	414839	36.805	ng		93
64) 4,6-Dinitro-2-methylphenol	10.20	198	34602	23.345	ng		81
65) n-Nitrosodiphenylamine	10.25	169	352093	41.724	ng		98
66) 4-Bromophenyl-phenylether	10.62	248	97952	40.640	ng		98
67) Hexachlorobenzene	10.68	284	95674	35.641	ng	#	87
68) Atrazine	10.78	200	98148	40.824	ng		94
69) Pentachlorophenol	10.88	266	72973	56.271	ng		99
70) Phenanthrene	11.09	178	508899	39.646	ng		100
71) Anthracene	11.14	178	504396	38.865	ng		98
72) Carbazole	11.30	167	471348	37.504	ng		98
73) Di-n-butylphthalate	11.64	149	596716	38.124	ng		98
74) Fluoranthene	12.27	202	514692	41.891	ng		99
76) Benzidine	12.39	184	221286	37.738	ng	#	92
77) Pyrene	12.49	202	528248	32.520	ng		98
79) Butylbenzylphthalate	13.12	149	228605	29.619	ng	#	77
80) Benzo(a)anthracene	13.68	228	438200	39.293	ng		100
81) 3,3'-Dichlorobenzidine	13.64	252	134598	33.562	ng	#	97
82) Chrysene	13.72	228	416332	37.921	ng		100
83) Bis(2-ethylhexyl)phthalate	13.69	149	290908	30.950	ng	#	99
84) Di-n-octyl phthalate	14.30	149	587159	37.791	ng	#	93
85) Indeno(1,2,3-cd)pyrene	16.32	276	373751	36.972	ng		98
87) Benzo(b)fluoranthene	14.69	252	503340	42.944	ng		98
88) Benzo(k)fluoranthene	14.71	252	357130	32.177	ng	#	95
89) Benzo(a)pyrene	15.00	252	415084	38.612	ng		97
90) Dibenzo(a,h)anthracene	16.33	278	297208	30.046	ng		96
91) Benzo(g,h,i)perylene	16.69	276	297375	28.074	ng		97

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

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