Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080517\
Data File : BF097420.D
Acq On : 6 Aug 2017 5:12
Operator : SJ/JU
Sample : I4601-01MSD
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
352-338-351-COMPMSD

Manual Integrations APPROVED
Sohil
8/7/2017 6:01:11 PM

Quant Time: Aug 07 16:12:22 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 04 01:17:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.43	152	77026	20.00	ng		-0.07
21) Naphthalene-d8	7.71	136	298709	20.00	ng		-0.08
38) Acenaphthene-d10	9.45	164	96752	20.00	ng		-0.08
63) Phenanthrene-d10	10.92	188	176226	20.00	ng		-0.08
75) Chrysene-d12	13.55	240	131367	20.00	ng		-0.08
86) Perylene-d12	14.89	264	96339	20.00	ng		-0.09
System Monitoring Compounds							
5) 2-Fluorophenol	5.03	112	267410	52.34	ng		-0.07
7) Phenol-d6	6.10	99	587187	100.66	ng		-0.06
23) Nitrobenzene-d5	7.00	82	380375	74.70	ng		-0.08
41) 2,4,6-Tribromophenol	10.24	330	21527	28.16	ng		-0.08
44) 2-Fluorobiphenyl	8.79	172	539372	94.61	ng		-0.08
78) Terphenyl-d14	12.50	244	429892	66.72	ng		-0.08
Target Compounds							Qvalue
2) 1,4-Dioxane	1.95	88	84851	39.794	ng	#	75
3) Pyridine	2.54	79	240778	36.877	ng	#	62
4) n-Nitrosodimethylamine	2.50	42	145339	40.180	ng		82
6) Aniline	6.09	93	216037	29.431	ng		98
8) 2-Chlorophenol	6.22	128	151005	27.639	ng		94
9) Benzaldehyde	5.97	77	109818	31.806	ng		97
10) Phenol	6.12	94	239699	34.644	ng		95
11) bis(2-Chloroethyl)ether	6.17	93	215103	39.307	ng		88
12) 1,3-Dichlorobenzene	6.36	146	223536	37.965	ng		97
13) 1,4-Dichlorobenzene	6.45	146	223651	38.329	ng		96
14) 1,2-Dichlorobenzene	6.60	146	189567	37.208	ng		96
15) Benzyl Alcohol	6.59	79	152172	41.204	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.72	45	390010	35.533	ng		85
17) 2-Methylphenol	6.72	107	146301	34.696	ng	#	87
18) Hexachloroethane	6.93	117	54302	25.438	ng	#	86
19) n-Nitroso-di-n-propylamine	6.86	70	139018	36.207	ng	#	82
20) 3+4-Methylphenols	6.88	107	195703	35.535	ng	#	61
22) Acetophenone	6.85	105	266878	37.204	ng	#	97
24) Nitrobenzene	7.02	77	186768	35.219	ng		95
25) Isophorone	7.26	82	319446	32.035	ng		97
26) 2-Nitrophenol	7.34	139	27478	9.577	ng	#	91
27) 2,4-Dimethylphenol	7.40	122	160302	33.871	ng		97
28) bis(2-Chloroethoxy)methane	7.47	93	216519	33.273	ng		99
29) 2,4-Dichlorophenol	7.60	162	82013	20.115	ng		96
30) 1,2,4-Trichlorobenzene	7.66	180	134024	34.487	ng		98
31) Naphthalene	7.73	128	557062	39.562	ng		100
33) 4-Chloroaniline	7.80	127	183095	31.957	ng		96
34) Hexachlorobutadiene	7.85	225	79679	38.674	ng		95
35) Caprolactam	8.14	113	45299	34.649	ng	#	44
36) 4-Chloro-3-methylphenol	8.30	107	139944	31.461	ng	#	84
37) 2-Methylnaphthalene	8.42	142	318629	35.740	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.59	216	110661	42.865	ng		98
42) 2,4,6-Trichlorophenol	8.72	196	8176	4.370	ng		99
43) 2,4,5-Trichlorophenol	8.78	196	20484	10.939	ng	#	88

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1'-Biphenyl	8.89	154	354595	42.909	ng		97
46) 2-Chloronaphthalene	8.90	162	251663	41.383	ng		94
47) 2-Nitroaniline	9.02	65	99485	45.077	ng		95
48) Acenaphthylene	9.31	152	375144	40.190	ng		98
49) Dimethylphthalate	9.19	163	367965	50.082	ng		98
50) 2,6-Dinitrotoluene	9.26	165	54848	35.198	ng	#	80
51) Acenaphthene	9.49	154	214760	39.059	ng		96
52) 3-Nitroaniline	9.43	138	85082	43.988	ng		90
54) Dibenzofuran	9.66	168	323784	44.211	ng		99
56) 2,4-Dinitrotoluene	9.67	165	62264	34.758	ng	#	82
57) Fluorene	10.00	166	232263	42.196	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.80	232	4273m	3.305	ng		
59) Diethylphthalate	9.89	149	268460	39.828	ng		99
60) 4-Chlorophenyl-phenylether	9.99	204	97628	42.951	ng		95
61) 4-Nitroaniline	10.03	138	85370	46.451	ng		91
62) Azobenzene	10.15	77	244495	39.099	ng		93
65) n-Nitrosodiphenylamine	10.12	169	215811	35.196	ng		99
66) 4-Bromophenyl-phenylether	10.47	248	60901	34.629	ng		93
67) Hexachlorobenzene	10.55	284	66600	33.770	ng		94
68) Atrazine	10.65	200	62221	35.388	ng		94
70) Phenanthrene	10.95	178	391463	41.459	ng		98
71) Anthracene	11.00	178	405175	41.896	ng		99
72) Carbazole	11.16	167	400095	42.066	ng		100
73) Di-n-butylphthalate	11.50	149	426205	36.252	ng		98
74) Fluoranthene	12.13	202	423704	45.805	ng		97
76) Benzidine	12.26	184	266431	54.660	ng	#	92
77) Pyrene	12.35	202	415659	38.649	ng		98
79) Butylbenzylphthalate	12.99	149	210237	38.431	ng	#	84
80) Benzo(a)anthracene	13.54	228	322014	37.884	ng		99
81) 3,3'-Dichlorobenzidine	13.50	252	115070	35.899	ng	#	95
82) Chrysene	13.57	228	306933	36.980	ng		99
83) Bis(2-ethylhexyl)phthalate	13.55	149	274443	38.423	ng		99
84) Di-n-octyl phthalate	14.16	149	483142	36.859	ng	#	93
85) Indeno(1,2,3-cd)pyrene	16.09	276	205525	28.878	ng		99
87) Benzo(b)fluoranthene	14.54	252	269471	46.531	ng		97
88) Benzo(k)fluoranthene	14.56	252	219667	39.806	ng	#	94
89) Benzo(a)pyrene	14.84	252	211345	39.875	ng		99
90) Dibenzo(a,h)anthracene	16.09	278	171959	39.563	ng		96
91) Benzo(g,h,i)perylene	16.44	276	173839	38.140	ng		98

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

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