Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072417\
Data File : BF097002.D
Acq On : 24 Jul 2017 23:10
Operator : SJ/JU
Sample : I4360-11MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
295-N-1-(0-2)MSD

Manual Integrations APPROVED
Sohil
7/25/2017 5:36:26 PM

Quant Time: Jul 25 03:13:40 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 01:37:00 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.52	152	122884	20.00	ng		-0.02
21) Naphthalene-d8	7.80	136	570786	20.00	ng		-0.03
38) Acenaphthene-d10	9.55	164	253259	20.00	ng		-0.03
63) Phenanthrene-d10	11.02	188	429834	20.00	ng		-0.03
75) Chrysene-d12	13.64	240	252044	20.00	ng		-0.04
86) Perylene-d12	14.99	264	229015	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.13	112	1066598	130.51	ng		-0.02
7) Phenol-d6	6.19	99	1243198	126.76	ng		-0.03
23) Nitrobenzene-d5	7.09	82	821599	89.16	ng		-0.03
41) 2,4,6-Tribromophenol	10.34	330	238575	110.36	ng		-0.02
44) 2-Fluorobiphenyl	8.88	172	1231184	76.81	ng		-0.03
78) Terphenyl-d14	12.60	244	971906	66.87	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.12	88	145775	34.664	ng	#	76
4) n-Nitrosodimethylamine	2.69	42	250903	50.766	ng		84
6) Aniline	6.18	93	94228	7.800	ng	#	7
8) 2-Chlorophenol	6.31	128	391545	44.409	ng		97
9) Benzaldehyde	6.06	77	151189	26.671	ng		95
10) Phenol	6.20	94	506230	45.660	ng		95
11) bis(2-Chloroethyl)ether	6.26	93	387881	46.523	ng		91
12) 1,3-Dichlorobenzene	6.46	146	397440	42.407	ng		98
13) 1,4-Dichlorobenzene	6.53	146	407809	42.968	ng		95
14) 1,2-Dichlorobenzene	6.69	146	375048	43.446	ng		96
15) Benzyl Alcohol	6.67	79	297589	46.347	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.80	45	815354	47.387	ng		57
17) 2-Methylphenol	6.80	107	324894	47.387	ng	#	87
18) Hexachloroethane	7.03	117	158946	47.229	ng	#	82
19) n-Nitroso-di-n-propylamine	6.95	70	288747	48.869	ng	#	83
20) 3+4-Methylphenols	6.96	107	439198	52.789	ng	#	64
22) Acetophenone	6.93	105	572260	44.858	ng	#	98
24) Nitrobenzene	7.10	77	435266	45.671	ng		94
25) Isophorone	7.35	82	813149	47.435	ng		97
26) 2-Nitrophenol	7.42	139	237886	44.890	ng	#	87
27) 2,4-Dimethylphenol	7.48	122	383290	43.965	ng		96
28) bis(2-Chloroethoxy)methane	7.56	93	549687	47.453	ng		99
29) 2,4-Dichlorophenol	7.67	162	342758	43.434	ng		97
30) 1,2,4-Trichlorobenzene	7.75	180	316333	42.160	ng		98
31) Naphthalene	7.82	128	1186879	43.894	ng		99
32) Benzoic acid	7.59	122	80212	14.395	ng		90
33) 4-Chloroaniline	7.87	127	183443	17.123	ng		98
34) Hexachlorobutadiene	7.95	225	155729	38.879	ng		96
35) Caprolactam	8.26	113	72474m	28.662	ng		
36) 4-Chloro-3-methylphenol	8.38	107	372326	43.879	ng		88
37) 2-Methylnaphthalene	8.51	142	778954	45.187	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.68	216	256010	37.395	ng		98
40) Hexachlorocyclopentadiene	8.67	237	219012	84.742	ng		99
42) 2,4,6-Trichlorophenol	8.80	196	203631	40.323	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	8.85	196	212316	41.687	ng		98
45) 1,1'-Biphenyl	8.97	154	855024	39.365	ng		97
46) 2-Chloronaphthalene	9.00	162	669352	41.850	ng	#	93
47) 2-Nitroaniline	9.10	65	288237	52.428	ng		95
48) Acenaphthylene	9.41	152	1056655	41.464	ng		98
49) Dimethylphthalate	9.29	163	1043915	54.743	ng		98
50) 2,6-Dinitrotoluene	9.35	165	184736	44.725	ng	#	73
51) Acenaphthene	9.58	154	616774	40.970	ng		99
52) 3-Nitroaniline	9.51	138	163945	33.505	ng		96
53) 2,4-Dinitrophenol	9.63	184	130469	65.159	ng	#	78
54) Dibenzofuran	9.75	168	869076	41.196	ng		96
55) 4-Nitrophenol	9.70	139	289111	80.875	ng	#	59
56) 2,4-Dinitrotoluene	9.75	165	212085	39.958	ng	#	54
57) Fluorene	10.09	166	644430	41.338	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.88	232	166414	47.114	ng		96
59) Diethylphthalate	9.99	149	803213	43.267	ng		99
60) 4-Chlorophenyl-phenylether	10.09	204	263570	39.504	ng		99
61) 4-Nitroaniline	10.13	138	216103	47.031	ng		91
62) Azobenzene	10.25	77	825006	50.375	ng		92
64) 4,6-Dinitro-2-methylphenol	10.16	198	120226	44.549	ng		89
65) n-Nitrosodiphenylamine	10.21	169	610111	39.708	ng		99
66) 4-Bromophenyl-phenylether	10.57	248	177560	40.461	ng		98
67) Hexachlorobenzene	10.64	284	184692	37.787	ng	#	86
68) Atrazine	10.75	200	150772	34.443	ng		94
69) Pentachlorophenol	10.84	266	163026	69.043	ng		99
70) Phenanthrene	11.05	178	983869	42.097	ng		100
71) Anthracene	11.10	178	1022577	43.274	ng		99
72) Carbazole	11.26	167	1015824	44.391	ng		100
73) Di-n-butylphthalate	11.60	149	1237599	43.426	ng		99
74) Fluoranthene	12.23	202	986972	44.119	ng		99
77) Pyrene	12.45	202	1024734	44.798	ng		99
79) Butylbenzylphthalate	13.09	149	510229	46.946	ng	#	81
80) Benzo(a)anthracene	13.63	228	746694	47.547	ng		99
81) 3,3'-Dichlorobenzidine	13.60	252	109465	19.384	ng		99
82) Chrysene	13.67	228	713774	46.168	ng		99
83) Bis(2-ethylhexyl)phthalate	13.65	149	616856	46.606	ng		99
84) Di-n-octyl phthalate	14.26	149	1119169	51.154	ng	#	92
85) Indeno(1,2,3-cd)pyrene	16.23	276	561236	39.088	ng		97
87) Benzo(b)fluoranthene	14.63	252	609725	44.144	ng		97
88) Benzo(k)fluoranthene	14.66	252	568640m	43.476	ng		
89) Benzo(a)pyrene	14.94	252	560201	44.221	ng		98
90) Dibenzo(a,h)anthracene	16.24	278	445231	38.195	ng		95
91) Benzo(g,h,i)perylene	16.60	276	494893	39.647	ng		96

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

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