Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM083117\
Data File : BM011399.D
Acq On : 01 Sep 2017 07:48
Operator : SJ/JU
Sample : I5023-03MSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PL-01-082917-AMSD

Quant Time: Sep 01 08:22:56 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM083117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 31 18:39:59 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	442235	20.00	ng		0.00
21) Naphthalene-d8	10.80	136	1927214	20.00	ng		0.00
38) Acenaphthene-d10	14.62	164	559286	20.00	ng		0.00
63) Phenanthrene-d10	17.36	188	2389223	20.00	ng		0.00
75) Chrysene-d12	21.52	240	1592462	20.00	ng		-0.01
86) Perylene-d12	23.90	264	17285	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	3711367	141.27	ng		0.00
7) Phenol-d6	7.14	99	3309976	90.86	ng		0.00
23) Nitrobenzene-d5	9.15	82	2871274	98.18	ng		0.00
41) 2,4,6-Tribromophenol	16.10	330	2006560	310.10	ng		0.00
44) 2-Fluorobiphenyl	13.25	172	7210751	185.85	ng		0.00
78) Terphenyl-d14	19.97	244	9789102	152.52	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.45	88	350198	31.982	ng	#	100
3) Pyridine	3.90	79	201393	6.006	ng		90
4) n-Nitrosodimethylamine	3.75	42	514533	30.051	ng	#	71
6) Aniline	7.33	93	119816	2.422	ng		95
8) 2-Chlorophenol	7.55	128	1265537	40.860	ng		91
9) Benzaldehyde	7.12	77	390333	18.433	ng		100
10) Phenol	7.16	94	1247025	31.137	ng	#	75
11) bis(2-Chloroethyl)ether	7.40	93	1228285	38.372	ng		85
12) 1,3-Dichlorobenzene	7.87	146	1162980	32.975	ng		97
13) 1,4-Dichlorobenzene	8.02	146	1213321	33.828	ng		97
14) 1,2-Dichlorobenzene	8.35	146	1181726	34.040	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.52	45	1969186	36.788	ng		94
17) 2-Methylphenol	8.42	107	782078	30.497	ng		98
18) Hexachloroethane	9.07	117	407898	33.220	ng		94
19) n-Nitroso-di-n-propylamine	8.79	70	1125292	42.069	ng	#	89
20) 3+4-Methylphenols	8.75	107	1026755	28.857	ng		96
22) Acetophenone	8.81	105	1971981	41.179	ng	#	92
24) Nitrobenzene	9.19	77	1398319	43.392	ng		93
25) Isophorone	9.72	82	3173426	48.428	ng		94
26) 2-Nitrophenol	9.90	139	577077	42.070	ng	#	86
27) 2,4-Dimethylphenol	9.96	122	932224	30.510	ng		97
28) bis(2-Chloroethoxy)methane	10.20	93	167526	3.746	ng		99
29) 2,4-Dichlorophenol	10.43	162	1256381	43.950	ng		99
30) 1,2,4-Trichlorobenzene	10.66	180	1148888	36.305	ng		99
31) Naphthalene	10.85	128	3949792	37.960	ng		100
32) Benzoic acid	10.07	122	720350	36.542	ng		100
33) 4-Chloroaniline	10.96	127	297700	6.540	ng	#	89
34) Hexachlorobutadiene	11.13	225	621264	34.455	ng		98
35) Caprolactam	11.73	113	464525	45.121	ng	#	67
36) 4-Chloro-3-methylphenol	12.06	107	1223537	36.441	ng		92
37) 2-Methylnaphthalene	12.45	142	2927610	40.424	ng		98
39) 1,2,4,5-Tetrachlorobenzene	12.82	216	1264807	75.149	ng	#	100
40) Hexachlorocyclopentadiene	12.79	237	1533844	198.798	ng		98
42) 2,4,6-Trichlorophenol	13.05	196	945454	84.861	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.12	196	1033202	91.313	ng	#	90
45) 1,1'-Biphenyl	13.46	154	3735316	75.230	ng		97
46) 2-Chloronaphthalene	13.50	162	2853903	77.375	ng		95
47) 2-Nitroaniline	13.69	65	438073	38.630	ng	#	78
48) Acenaphthylene	14.34	152	945954	16.460	ng		100
49) Dimethylphthalate	14.07	163	3662861	82.421	ng		99
50) 2,6-Dinitrotoluene	14.19	165	789231	93.792	ng	#	91
51) Acenaphthene	14.68	154	1672296	44.812	ng		100
52) 3-Nitroaniline	14.52	138	479836	43.901	ng	#	83
53) 2,4-Dinitrophenol	14.72	184	767133	144.558	ng		90
54) Dibenzofuran	15.02	168	4513820	87.718	ng		96
55) 4-Nitrophenol	14.82	139	1521373	178.859	ng	#	47
56) 2,4-Dinitrotoluene	14.97	165	1103936	88.080	ng	#	80
57) Fluorene	15.66	166	3567928	79.531	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.23	232	927084	101.255	ng	#	100
59) Diethylphthalate	15.43	149	3674499	80.250	ng		97
60) 4-Chlorophenyl-phenylether	15.66	204	1732086	82.773	ng		96
61) 4-Nitroaniline	15.67	138	466777	41.083	ng		87
62) Azobenzene	15.94	77	1264151	30.634	ng		91
64) 4,6-Dinitro-2-methylphenol	15.73	198	503404	52.244	ng		90
65) n-Nitrosodiphenylamine	15.87	169	361326	4.799	ng		98
66) 4-Bromophenyl-phenylether	16.55	248	1083580	43.117	ng	#	92
67) Hexachlorobenzene	16.66	284	1200662	40.711	ng	#	90
69) Pentachlorophenol	17.00	266	1576419	97.365	ng		98
70) Phenanthrene	17.40	178	5883694	44.219	ng		98
71) Anthracene	17.49	178	4830298	36.102	ng		98
73) Di-n-butylphthalate	18.32	149	6417623	42.841	ng		100
74) Fluoranthene	19.40	202	5105532	33.628	ng		95
77) Pyrene	19.77	202	2712373	27.795	ng		99
79) Butylbenzylphthalate	20.65	149	267033	6.194	ng		91
80) Benzo(a)anthracene	21.50	228	4032053	45.270	ng		98
82) Chrysene	21.56	228	4996059	59.513	ng		98
83) Bis(2-ethylhexyl)phthalate	21.43	149	4627349	73.216	ng		99
84) Di-n-octyl phthalate	22.34	149	7740691	72.655	ng		96
85) Indeno(1,2,3-cd)pyrene	26.35	276	1567012	20.011	ng	#	80
87) Benzo(b)fluoranthene	23.18	252	3692506	3479.540	ng		99
88) Benzo(k)fluoranthene	23.22	252	1693456	1664.393	ng		96
89) Benzo(a)pyrene	23.79	252	1469771	1535.588	ng	#	95
90) Dibenzo(a,h)anthracene	26.36	278	2611366	3187.913	ng		98
91) Benzo(g,h,i)perylene	27.09	276	1581085	1997.215	ng		98

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

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