Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA G\DATA\BG012718\
Data File : BG032352.D
Acq On : 27 Jan 2018 12:22
Operator : SJ/JU
Sample : J1328-03MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RO-1-2MSD

Manual Integrations APPROVED
Sohil
1/29/2018 5:50:54 PM

Quant Time: Jan 27 23:47:23 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 24 14:02:41 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.72	152	38642	20.00	ng		0.00
21) Naphthalene-d8	11.60	136	147006	20.00	ng		0.00
38) Acenaphthene-d10	15.36	164	101434	20.00	ng		0.00
63) Phenanthrene-d10	18.09	188	261852	20.00	ng		0.00
75) Chrysene-d12	22.42	240	333376	20.00	ng		0.00
86) Perylene-d12	26.10	264	365189	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.16	112	255377	120.87	ng		0.00
7) Phenol-d6	7.84	99	295000	110.86	ng		0.00
23) Nitrobenzene-d5	9.92	82	211512	97.34	ng		0.00
41) 2,4,6-Tribromophenol	16.84	330	251607	149.90	ng		0.00
44) 2-Fluorobiphenyl	13.99	172	736272	90.00	ng		0.00
78) Terphenyl-d14	20.63	244	1443595	95.61	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.83	88	25925	31.939	ng	#	72
3) Pyridine	4.29	79	50610	23.359	ng	#	84
4) n-Nitrosodimethylamine	4.19	42	44515	58.482	ng	#	77
6) Aniline	8.02	93	51359	15.302	ng		98
8) 2-Chlorophenol	8.27	128	105216	44.503	ng	#	80
9) Benzaldehyde	7.82	77	43337	28.109	ng	#	82
10) Phenol	7.87	94	99266	37.870	ng		91
11) bis(2-Chloroethyl)ether	8.11	93	81345	38.735	ng	#	82
12) 1,3-Dichlorobenzene	8.61	146	129761	41.936	ng		96
13) 1,4-Dichlorobenzene	8.76	146	134326	43.115	ng		96
14) 1,2-Dichlorobenzene	9.09	146	126837	42.091	ng		96
15) Benzyl Alcohol	8.96	79	91068	47.110	ng		92
16) 2,2'-oxybis(1-Chloropropan	9.26	45	78324	36.700	ng		77
17) 2-Methylphenol	9.16	107	80400	40.135	ng	#	94
18) Hexachloroethane	9.85	117	45195	47.201	ng	#	82
19) n-Nitroso-di-n-propylamine	9.54	70	66776	40.445	ng	#	90
20) 3+4-Methylphenols	9.50	107	107590	38.769	ng		89
22) Acetophenone	9.56	105	150168	44.971	ng	#	93
24) Nitrobenzene	9.97	77	106608	49.187	ng		90
25) Isophorone	10.49	82	188376	46.558	ng	#	85
26) 2-Nitrophenol	10.69	139	62666	48.795	ng	#	79
27) 2,4-Dimethylphenol	10.73	122	102843	50.463	ng		97
28) bis(2-Chloroethoxy)methane	10.97	93	108683	44.584	ng	#	92
29) 2,4-Dichlorophenol	11.23	162	129171	51.510	ng		85
30) 1,2,4-Trichlorobenzene	11.46	180	150446	46.454	ng		99
31) Naphthalene	11.66	128	325424	44.687	ng		99
32) Benzoic acid	10.86	122	63886	40.054	ng		84
33) 4-Chloroaniline	11.75	127	18123	5.803	ng		95
34) Hexachlorobutadiene	11.93	225	117501	50.513	ng		98
35) Caprolactam	12.50	113	30814	40.503	ng	#	45
36) 4-Chloro-3-methylphenol	12.83	107	115134	50.160	ng	#	84
37) 2-Methylnaphthalene	13.22	142	264752	45.792	ng		97
39) 1,2,4,5-Tetrachlorobenzene	13.58	216	204679	46.292	ng		97
40) Hexachlorocyclopentadiene	13.55	237	281435	113.010	ng		89

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Quant Time: Jan 27 23:47:23 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.81	196	125289	50.431	ng		98
43) 2,4,5-Trichlorophenol	13.88	196	138232	48.070	ng	#	92
45) 1,1'-Biphenyl	14.20	154	376197	43.263	ng		96
46) 2-Chloronaphthalene	14.25	162	294368	43.515	ng		96
47) 2-Nitroaniline	14.44	65	69119	53.373	ng	#	77
48) Acenaphthylene	15.09	152	431551	41.893	ng		99
49) Dimethylphthalate	14.79	163	397838	44.820	ng	#	98
50) 2,6-Dinitrotoluene	14.92	165	89706	48.689	ng	#	75
51) Acenaphthene	15.43	154	346849	50.920	ng		99
52) 3-Nitroaniline	15.24	138	34276	20.598	ng	#	68
53) 2,4-Dinitrophenol	15.45	184	116869	122.408	ng	#	57
54) Dibenzofuran	15.76	168	465048	45.767	ng		99
55) 4-Nitrophenol	15.54	139	117795	97.134	ng	#	78
56) 2,4-Dinitrotoluene	15.70	165	131282	52.926	ng	#	71
57) Fluorene	16.40	166	375269	45.030	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.97	232	143625	53.991	ng	#	85
59) Diethylphthalate	16.13	149	391453	45.490	ng		97
60) 4-Chlorophenyl-phenylether	16.37	204	241546	47.249	ng		94
61) 4-Nitroaniline	16.40	138	70660	44.266	ng		85
62) Azobenzene	16.67	77	247047	45.868	ng		88
64) 4,6-Dinitro-2-methylphenol	16.46	198	83631	49.705	ng	#	71
65) n-Nitrosodiphenylamine	16.58	169	352011	44.302	ng		99
66) 4-Bromophenyl-phenylether	17.27	248	174682	46.886	ng		94
67) Hexachlorobenzene	17.40	284	183448	44.506	ng	#	90
68) Atrazine	17.51	200	168290	50.363	ng		92
69) Pentachlorophenol	17.73	266	238922	90.684	ng		99
70) Phenanthrene	18.14	178	658893	45.195	ng		100
71) Anthracene	18.22	178	671162	46.157	ng		98
72) Carbazole	18.48	167	589144	46.706	ng		100
73) Di-n-butylphthalate	18.99	149	662431	44.443	ng		99
74) Fluoranthene	20.10	202	891974	48.866	ng		95
76) Benzidine	20.26	184	97560m	11.703	ng		
77) Pyrene	20.46	202	907101	43.283	ng		98
79) Butylbenzylphthalate	21.31	149	306118	40.768	ng	#	78
80) Benzo(a)anthracene	22.40	228	964911	46.540	ng		99
81) 3,3'-Dichlorobenzidine	22.29	252	157480	20.333	ng	#	98
82) Chrysene	22.48	228	900168	45.209	ng		97
83) Bis(2-ethylhexyl)phthalate	22.24	149	431817	39.217	ng	#	99
84) Di-n-octyl phthalate	23.62	149	740081	42.320	ng	#	89
85) Indeno(1,2,3-cd)pyrene	30.39	276	1210563	49.680	ng	#	81
87) Benzo(b)fluoranthene	24.93	252	1013783	45.927	ng	#	96
88) Benzo(k)fluoranthene	25.00	252	1005485	46.616	ng	#	96
89) Benzo(a)pyrene	25.94	252	998078	47.799	ng	#	95
90) Dibenzo(a,h)anthracene	30.46	278	1003050	49.849	ng	#	94
91) Benzo(g,h,i)perylene	31.74	276	1013132	49.262	ng	#	91

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

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