Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG121217\
Data File : BG031495.D
Acq On : 12 Dec 2017 17:01
Operator : SJ/JU
Sample : I6675-04MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SU-03-121117-AMSD

Manual Integrations APPROVED
Sohil
12/13/2017 12:03:27 PM

Quant Time: Dec 13 06:31:22 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG121117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 11 17:25:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	57055	20.00	ng		0.00
21) Naphthalene-d8	10.92	136	238407	20.00	ng		0.00
38) Acenaphthene-d10	14.73	164	167345	20.00	ng		0.00
63) Phenanthrene-d10	17.47	188	450044	20.00	ng		0.00
75) Chrysene-d12	21.75	240	493806	20.00	ng		0.00
86) Perylene-d12	25.03	264	496215	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.67	112	469118	145.74	ng		0.00
7) Phenol-d6	7.28	99	546362	122.27	ng		0.00
23) Nitrobenzene-d5	9.28	82	400101	103.44	ng		0.00
41) 2,4,6-Tribromophenol	16.22	330	307340	156.76	ng		0.00
44) 2-Fluorobiphenyl	13.36	172	1069481	93.81	ng		0.00
78) Terphenyl-d14	20.07	244	1978996	91.18	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	63616	41.421	ng	#	80
3) Pyridine	3.94	79	150723	37.273	ng		91
4) n-Nitrosodimethylamine	3.84	42	80900	42.474	ng	#	94
6) Aniline	7.43	93	64149	10.901	ng		93
8) 2-Chlorophenol	7.68	128	191018	53.202	ng		90
9) Benzaldehyde	7.25	77	50119	19.350	ng		82
10) Phenol	7.31	94	205771	44.826	ng		93
11) bis(2-Chloroethyl)ether	7.52	93	179527	47.917	ng		90
12) 1,3-Dichlorobenzene	8.00	146	192653	45.120	ng		97
13) 1,4-Dichlorobenzene	8.14	146	197548	44.517	ng		94
14) 1,2-Dichlorobenzene	8.47	146	191942	45.407	ng		95
15) Benzyl Alcohol	8.35	79	162581	46.511	ng		90
16) 2,2'-oxybis(1-Chloropropan	8.64	45	264990	62.957	ng		90
17) 2-Methylphenol	8.56	107	159552	50.989	ng		97
18) Hexachloroethane	9.20	117	67648	45.225	ng		93
19) n-Nitroso-di-n-propylamine	8.91	70	143910	40.917	ng	#	96
20) 3+4-Methylphenols	8.89	107	216795	46.508	ng		97
22) Acetophenone	8.94	105	277269	48.479	ng	#	92
24) Nitrobenzene	9.32	77	214650	54.156	ng		91
25) Isophorone	9.84	82	407898	55.801	ng	#	93
26) 2-Nitrophenol	10.04	139	112128	57.211	ng	#	87
27) 2,4-Dimethylphenol	10.09	122	187624	63.019	ng		95
28) bis(2-Chloroethoxy)methane	10.32	93	250232	53.024	ng		97
29) 2,4-Dichlorophenol	10.58	162	210728	60.075	ng		94
30) 1,2,4-Trichlorobenzene	10.78	180	227803	50.841	ng		97
31) Naphthalene	10.98	128	603825	51.555	ng		99
32) Benzoic acid	10.25	122	68210	41.466	ng	#	82
33) 4-Chloroaniline	11.11	127	11400	2.242	ng		93
34) Hexachlorobutadiene	11.25	225	143398	48.248	ng		96
35) Caprolactam	11.86	113	50864m	36.928	ng		
36) 4-Chloro-3-methylphenol	12.21	107	212386	53.044	ng	#	87
37) 2-Methylnaphthalene	12.57	142	465494	51.331	ng		93
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	277588	42.443	ng		97
40) Hexachlorocyclopentadiene	12.91	237	178096	79.417	ng		89

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.18	196	189049	56.576 ng		99
43) 2,4,5-Trichlorophenol	13.27	196	202601	56.286 ng	#	94
45) 1,1'-Biphenyl	13.57	154	607937	44.231 ng		98
46) 2-Chloronaphthalene	13.61	162	502464	49.947 ng		96
47) 2-Nitroaniline	13.82	65	142736	50.493 ng	#	81
48) Acenaphthylene	14.46	152	764888	47.253 ng		99
49) Dimethylphthalate	14.18	163	665741	48.053 ng		99
50) 2,6-Dinitrotoluene	14.31	165	152706	51.567 ng	#	81
51) Acenaphthene	14.80	154	485386	47.423 ng		100
52) 3-Nitroaniline	14.65	138	23942	7.931 ng	#	85
53) 2,4-Dinitrophenol	14.86	184	144778	112.950 ng	#	51
54) Dibenzofuran	15.13	168	789740	48.353 ng		98
55) 4-Nitrophenol	14.97	139	188264	91.753 ng	#	81
56) 2,4-Dinitrotoluene	15.10	165	215914	51.334 ng	#	76
57) Fluorene	15.78	166	633901	48.437 ng		99
58) 2,3,4,6-Tetrachlorophenol	15.36	232	186466	55.113 ng	#	93
59) Diethylphthalate	15.54	149	659685	47.503 ng		97
60) 4-Chlorophenyl-phenylether	15.76	204	369321	46.126 ng		94
61) 4-Nitroaniline	15.81	138	145234	45.846 ng		88
62) Azobenzene	16.06	77	552567	48.033 ng		94
64) 4,6-Dinitro-2-methylphenol	15.87	198	109779	41.088 ng		82
65) n-Nitrosodiphenylamine	15.98	169	583759	44.315 ng		99
66) 4-Bromophenyl-phenylether	16.66	248	247994	47.388 ng		97
67) Hexachlorobenzene	16.79	284	253134	46.842 ng		96
68) Atrazine	16.92	200	249437	51.787 ng		99
69) Pentachlorophenol	17.13	266	222873	85.389 ng		98
70) Phenanthrene	17.52	178	1101390	46.860 ng		97
71) Anthracene	17.61	178	1114913	47.962 ng		99
72) Carbazole	17.88	167	1045423	49.696 ng		99
73) Di-n-butylphthalate	18.41	149	1185553	48.802 ng		99
74) Fluoranthene	19.52	202	1416485	48.156 ng		97
76) Benzidine	19.70	184	170033	14.796 ng		97
77) Pyrene	19.88	202	1435737	46.792 ng		96
79) Butylbenzylphthalate	20.75	149	558380	51.875 ng	#	84
80) Benzo(a)anthracene	21.73	228	1411670	47.363 ng		98
81) 3,3'-Dichlorobenzidine	21.63	252	173421	16.718 ng		98
82) Chrysene	21.80	228	1348348	47.189 ng		98
83) Bis(2-ethylhexyl)phthalate	21.60	149	766550	49.499 ng		100
84) Di-n-octyl phthalate	22.83	149	1291598	50.562 ng		95
85) Indeno(1,2,3-cd)pyrene	28.82	276	1541043	50.465 ng		99
87) Benzo(b)fluoranthene	23.99	252	1379481m	46.500 ng		
88) Benzo(k)fluoranthene	24.06	252	1392923	46.009 ng		99
89) Benzo(a)pyrene	24.88	252	1356679	48.208 ng		99
90) Dibenzo(a,h)anthracene	28.86	278	1281932	47.635 ng		97
91) Benzo(g,h,i)perylene	30.00	276	1281863	48.450 ng		99

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

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