Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040618\
Data File : BG033667.D
Acq On : 7 Apr 2018 17:26
Operator : SJ/JU
Sample : PB108036BS
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB108036BS

Manual Integrations APPROVED
Sohil
4/9/2018 5:04:21 PM

Quant Time: Apr 09 07:46:21 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 05 17:36:07 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	39008	20.00	ng		0.00
21) Naphthalene-d8	11.74	136	174648	20.00	ng		0.00
38) Acenaphthene-d10	15.48	164	130679	20.00	ng		0.00
63) Phenanthrene-d10	18.21	188	325523	20.00	ng		0.00
75) Chrysene-d12	22.55	240	325256	20.00	ng		0.00
86) Perylene-d12	26.32	264	340417	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.28	112	349041	167.78	ng		0.00
7) Phenol-d6	7.97	99	548050	153.33	ng		0.00
23) Nitrobenzene-d5	10.06	82	347749	91.48	ng		0.00
41) 2,4,6-Tribromophenol	16.95	330	244690	125.20	ng		0.00
44) 2-Fluorobiphenyl	14.10	172	841001	92.91	ng		0.00
78) Terphenyl-d14	20.73	244	1414082	92.98	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.91	88	38121	36.084	ng		88
3) Pyridine	4.37	79	110350	37.786	ng		99
4) n-Nitrosodimethylamine	4.29	42	56796	47.390	ng	#	80
6) Aniline	8.16	93	99166	23.592	ng		97
8) 2-Chlorophenol	8.41	128	117845	49.552	ng		94
9) Benzaldehyde	7.96	77	56787	24.999	ng		93
10) Phenol	8.00	94	182103	51.602	ng		87
11) bis(2-Chloroethyl)ether	8.24	93	122481	42.521	ng		97
12) 1,3-Dichlorobenzene	8.75	146	121772	39.164	ng		95
13) 1,4-Dichlorobenzene	8.89	146	117973	37.886	ng		99
14) 1,2-Dichlorobenzene	9.22	146	126391	41.588	ng		99
15) Benzyl Alcohol	9.09	79	132625	47.127	ng		92
16) 2,2'-oxybis(1-Chloropropan	9.38	45	221087	47.082	ng		92
17) 2-Methylphenol	9.30	107	117031m	48.680	ng		
18) Hexachloroethane	9.97	117	51145	42.556	ng		100
19) n-Nitroso-di-n-propylamine	9.66	70	115648	44.155	ng		96
20) 3+4-Methylphenols	9.63	107	163057	47.637	ng		90
22) Acetophenone	9.70	105	198394	41.464	ng	#	94
24) Nitrobenzene	10.10	77	172692	42.443	ng		92
25) Isophorone	10.62	82	332677	45.092	ng		100
26) 2-Nitrophenol	10.83	139	72506	47.069	ng	#	74
27) 2,4-Dimethylphenol	10.86	122	125272	55.980	ng		88
28) bis(2-Chloroethoxy)methane	11.10	93	173363	47.095	ng		97
29) 2,4-Dichlorophenol	11.37	162	138174	50.208	ng		98
30) 1,2,4-Trichlorobenzene	11.59	180	143558	40.150	ng		96
31) Naphthalene	11.79	128	392161	43.331	ng		98
32) Benzoic acid	11.00	122	63185m	30.374	ng		
33) 4-Chloroaniline	11.90	127	64833	15.989	ng		98
34) Hexachlorobutadiene	12.05	225	102441	37.886	ng		98
35) Caprolactam	12.64	113	48583	45.062	ng	#	88
36) 4-Chloro-3-methylphenol	12.96	107	168757	47.016	ng		94
37) 2-Methylnaphthalene	13.34	142	300209	42.737	ng		88
39) 1,2,4,5-Tetrachlorobenzene	13.70	216	199502	42.146	ng		98
40) Hexachlorocyclopentadiene	13.67	237	202557	72.996	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.93	196	121435	44.155	ng		95
43) 2,4,5-Trichlorophenol	14.00	196	141158	43.423	ng		98
45) 1,1'-Biphenyl	14.32	154	442832	44.108	ng		97
46) 2-Chloronaphthalene	14.37	162	331904	42.875	ng		96
47) 2-Nitroaniline	14.57	65	135708	46.804	ng		97
48) Acenaphthylene	15.21	152	548788	42.471	ng		98
49) Dimethylphthalate	14.90	163	464360	40.831	ng		99
50) 2,6-Dinitrotoluene	15.04	165	102141	43.924	ng		99
51) Acenaphthene	15.54	154	385483	46.278	ng		97
52) 3-Nitroaniline	15.38	138	63835	26.184	ng	#	94
53) 2,4-Dinitrophenol	15.57	184	80933	68.430	ng	#	79
54) Dibenzofuran	15.87	168	537986	43.724	ng		94
55) 4-Nitrophenol	15.66	139	145769	85.032	ng	#	79
56) 2,4-Dinitrotoluene	15.81	165	146984	42.929	ng		94
57) Fluorene	16.51	166	451842	43.106	ng		99
58) 2,3,4,6-Tetrachlorophenol	16.08	232	142539	46.577	ng		93
59) Diethylphthalate	16.24	149	466591	42.252	ng		100
60) 4-Chlorophenyl-phenylether	16.49	204	249720	41.443	ng		98
61) 4-Nitroaniline	16.53	138	102022	41.324	ng	#	85
62) Azobenzene	16.78	77	477704	44.656	ng		97
64) 4,6-Dinitro-2-methylphenol	16.58	198	71118	36.520	ng		96
65) n-Nitrosodiphenylamine	16.70	169	412494	44.387	ng		96
66) 4-Bromophenyl-phenylether	17.38	248	161957	42.364	ng	#	92
67) Hexachlorobenzene	17.51	284	166493	41.266	ng		99
68) Atrazine	17.62	200	167039	44.357	ng		98
69) Pentachlorophenol	17.85	266	181435	65.519	ng		99
70) Phenanthrene	18.25	178	734299	43.313	ng		100
71) Anthracene	18.34	178	763699	44.490	ng		99
72) Carbazole	18.60	167	668406	43.942	ng		96
73) Di-n-butylphthalate	19.09	149	800502	45.213	ng	#	99
74) Fluoranthene	20.20	202	916618	43.691	ng		97
76) Benzidine	20.37	184	278711	31.598	ng		99
77) Pyrene	20.56	202	907126	41.817	ng		98
79) Butylbenzylphthalate	21.41	149	368372	46.017	ng		99
80) Benzo(a)anthracene	22.54	228	896722	43.297	ng		99
81) 3,3'-Dichlorobenzidine	22.42	252	174976	23.742	ng		100
82) Chrysene	22.61	228	866901	43.241	ng		96
83) Bis(2-ethylhexyl)phthalate	22.35	149	508615	46.091	ng		97
84) Di-n-octyl phthalate	23.75	149	887915	52.552	ng		100
85) Indeno(1,2,3-cd)pyrene	30.69	276	907856	41.883	ng	#	88
87) Benzo(b)fluoranthene	25.12	252	880874	44.788	ng	#	96
88) Benzo(k)fluoranthene	25.19	252	884507	44.467	ng	#	97
89) Benzo(a)pyrene	26.14	252	870156	46.071	ng	#	97
90) Dibenzo(a,h)anthracene	30.77	278	744913	41.870	ng		96
91) Benzo(g,h,i)perylene	32.07	276	734654	41.700	ng		95

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

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