Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032818\
Data File : BG033401.D
Acq On : 29 Mar 2018 00:37
Operator : SJ/JU
Sample : PB107692BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB107692BS

Manual Integrations APPROVED
Sohil
3/29/2018 5:39:04 PM

Quant Time: Mar 29 07:47:39 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 28 18:34:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	40724	20.00	ng		-0.02
21) Naphthalene-d8	11.75	136	170158	20.00	ng		0.00
38) Acenaphthene-d10	15.48	164	123156	20.00	ng		0.00
63) Phenanthrene-d10	18.22	188	316900	20.00	ng		0.00
75) Chrysene-d12	22.56	240	331729	20.00	ng		0.00
86) Perylene-d12	26.34	264	366776	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.30	112	390645	179.87	ng		0.00
7) Phenol-d6	7.99	99	587737	157.50	ng		0.01
23) Nitrobenzene-d5	10.07	82	356701	96.31	ng		0.00
41) 2,4,6-Tribromophenol	16.97	330	278837	151.38	ng		0.00
44) 2-Fluorobiphenyl	14.12	172	856529	100.40	ng		0.00
78) Terphenyl-d14	20.74	244	1491965	96.18	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.92	88	43705	39.626	ng		84
3) Pyridine	4.39	79	126212	41.396	ng		93
4) n-Nitrosodimethylamine	4.29	42	65100	52.030	ng	#	83
6) Aniline	8.16	93	43493	9.911	ng		95
8) 2-Chlorophenol	8.42	128	135400	54.534	ng		99
9) Benzaldehyde	7.97	77	77289m	32.591	ng		
10) Phenol	8.02	94	195228	52.990	ng		93
11) bis(2-Chloroethyl)ether	8.25	93	132554	44.079	ng		95
12) 1,3-Dichlorobenzene	8.75	146	139810	43.071	ng		96
13) 1,4-Dichlorobenzene	8.90	146	141140	43.416	ng		96
14) 1,2-Dichlorobenzene	9.23	146	141289	44.531	ng		96
15) Benzyl Alcohol	9.10	79	153094	52.108	ng		93
16) 2,2'-oxybis(1-Chloropropan	9.39	45	213793	43.610	ng		88
17) 2-Methylphenol	9.31	107	123466	49.193	ng	#	88
18) Hexachloroethane	9.99	117	57724	46.007	ng		93
19) n-Nitroso-di-n-propylamine	9.67	70	118299	43.264	ng		99
20) 3+4-Methylphenols	9.65	107	179299	50.175	ng		93
22) Acetophenone	9.71	105	215443	46.215	ng	#	99
24) Nitrobenzene	10.11	77	184926	46.649	ng		93
25) Isophorone	10.63	82	341265	47.476	ng		97
26) 2-Nitrophenol	10.84	139	79878	53.223	ng	#	94
27) 2,4-Dimethylphenol	10.88	122	137597	63.111	ng		88
28) bis(2-Chloroethoxy)methane	11.11	93	182372	50.850	ng		100
29) 2,4-Dichlorophenol	11.38	162	156139	58.233	ng		98
30) 1,2,4-Trichlorobenzene	11.61	180	161155	46.261	ng		93
31) Naphthalene	11.80	128	425127	48.213	ng		99
32) Benzoic acid	11.08	122	27295m	13.467	ng		
33) 4-Chloroaniline	11.91	127	34535	8.742	ng	#	93
34) Hexachlorobutadiene	12.06	225	119153	45.230	ng		94
35) Caprolactam	12.67	113	50767	48.330	ng	#	86
36) 4-Chloro-3-methylphenol	12.98	107	188186	53.812	ng		94
37) 2-Methylnaphthalene	13.35	142	317754	46.428	ng		93
39) 1,2,4,5-Tetrachlorobenzene	13.71	216	211482	47.406	ng		99
40) Hexachlorocyclopentadiene	13.68	237	230082	87.980	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.94	196	145866	56.278	ng		98
43) 2,4,5-Trichlorophenol	14.02	196	166122	54.225	ng		99
45) 1,1'-Biphenyl	14.33	154	442718	46.790	ng		95
46) 2-Chloronaphthalene	14.38	162	340497	46.672	ng		95
47) 2-Nitroaniline	14.57	65	138203	50.576	ng		94
48) Acenaphthylene	15.21	152	557146	45.752	ng		96
49) Dimethylphthalate	14.91	163	501041	46.748	ng		98
50) 2,6-Dinitrotoluene	15.04	165	106243	48.479	ng		95
51) Acenaphthene	15.55	154	350454	44.643	ng		95
52) 3-Nitroaniline	15.38	138	40257	17.521	ng	#	91
53) 2,4-Dinitrophenol	15.58	184	22730	25.758	ng		89
54) Dibenzofuran	15.88	168	559376	48.240	ng		91
55) 4-Nitrophenol	15.68	139	154872	95.860	ng	#	85
56) 2,4-Dinitrotoluene	15.83	165	156268	48.428	ng		88
57) Fluorene	16.52	166	464831	47.054	ng		99
58) 2,3,4,6-Tetrachlorophenol	16.10	232	150737	52.265	ng		95
59) Diethylphthalate	16.25	149	490583	47.138	ng		97
60) 4-Chlorophenyl-phenylether	16.50	204	266050	46.850	ng		95
61) 4-Nitroaniline	16.54	138	97441	41.880	ng		90
62) Azobenzene	16.79	77	470305	46.650	ng		99
64) 4,6-Dinitro-2-methylphenol	16.58	198	35772	18.869	ng		91
65) n-Nitrosodiphenylamine	16.71	169	434805	48.060	ng		97
66) 4-Bromophenyl-phenylether	17.39	248	183228	49.232	ng		96
67) Hexachlorobenzene	17.52	284	184176	46.891	ng		95
68) Atrazine	17.63	200	179147	48.867	ng		97
69) Pentachlorophenol	17.86	266	173056	64.194	ng		99
70) Phenanthrene	18.26	178	781192	47.333	ng		98
71) Anthracene	18.35	178	803294	48.070	ng		99
72) Carbazole	18.61	167	686420	46.354	ng		97
73) Di-n-butylphthalate	19.10	149	825134	47.872	ng	#	98
74) Fluoranthene	20.21	202	974032	47.691	ng		97
76) Benzidine	20.37	184	164265	18.260	ng		98
77) Pyrene	20.57	202	961183	43.444	ng		98
79) Butylbenzylphthalate	21.42	149	376356	46.097	ng		97
80) Benzo(a)anthracene	22.55	228	982004	46.490	ng		99
81) 3,3'-Dichlorobenzidine	22.43	252	124376	16.547	ng	#	96
82) Chrysene	22.62	228	937013	45.826	ng		97
83) Bis(2-ethylhexyl)phthalate	22.37	149	529919	47.084	ng		97
84) Di-n-octyl phthalate	23.76	149	925272	53.694	ng		97
85) Indeno(1,2,3-cd)pyrene	30.71	276	1135816	51.378	ng	#	88
87) Benzo(b)fluoranthene	25.12	252	984468	46.458	ng	#	97
88) Benzo(k)fluoranthene	25.20	252	987720	46.087	ng	#	97
89) Benzo(a)pyrene	26.15	252	979117	48.114	ng	#	97
90) Dibenzo(a,h)anthracene	30.79	278	943371	49.214	ng		96
91) Benzo(g,h,i)perylene	32.10	276	928306	48.906	ng	#	95

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

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