Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031218\
Data File : BG033099.D
Acq On : 12 Mar 2018 21:12
Operator : SJ/JU
Sample : PB107243BSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB107243BSD

Manual Integrations APPROVED
Sohil
3/13/2018 4:20:36 PM

Quant Time: Mar 13 04:15:20 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 09 15:10:14 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.91	152	38864	20.00	ng		0.00
21) Naphthalene-d8	11.80	136	179841	20.00	ng		0.00
38) Acenaphthene-d10	15.53	164	107216	20.00	ng		0.00
63) Phenanthrene-d10	18.25	188	249268	20.00	ng		0.00
75) Chrysene-d12	22.60	240	241205	20.00	ng		0.00
86) Perylene-d12	26.40	264	259662	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.32	112	236991	97.56	ng		0.00
7) Phenol-d6	8.01	99	319843	94.46	ng		0.00
23) Nitrobenzene-d5	10.11	82	279421	105.16	ng		0.00
41) 2,4,6-Tribromophenol	16.99	330	123022	109.13	ng		0.00
44) 2-Fluorobiphenyl	14.15	172	630121	84.76	ng		0.00
78) Terphenyl-d14	20.77	244	919640	85.66	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.95	88	36231	34.366	ng	#	92
3) Pyridine	4.41	79	107902	37.133	ng		91
4) n-Nitrosodimethylamine	4.32	42	62817	53.920	ng	#	81
6) Aniline	8.19	93	77140	16.831	ng		97
8) 2-Chlorophenol	8.45	128	123558	46.469	ng		95
9) Benzaldehyde	8.00	77	54456	27.905	ng		95
10) Phenol	8.03	94	162453	47.594	ng		99
11) bis(2-Chloroethyl)ether	8.28	93	108537	38.888	ng		99
12) 1,3-Dichlorobenzene	8.79	146	119390	38.336	ng		98
13) 1,4-Dichlorobenzene	8.95	146	123472	39.388	ng		95
14) 1,2-Dichlorobenzene	9.28	146	115995	38.614	ng		95
15) Benzyl Alcohol	9.14	79	109545	44.007	ng		95
16) 2,2'-oxybis(1-Chloropropan	9.43	45	215492	44.912	ng		99
17) 2-Methylphenol	9.33	107	108722	43.196	ng		97
18) Hexachloroethane	10.04	117	43163	40.440	ng	#	84
19) n-Nitroso-di-n-propylamine	9.72	70	94903	39.701	ng	#	92
20) 3+4-Methylphenols	9.67	107	151869	43.395	ng		96
22) Acetophenone	9.75	105	174435	38.406	ng	#	97
24) Nitrobenzene	10.15	77	134661	47.092	ng		93
25) Isophorone	10.67	82	255133	40.418	ng		96
26) 2-Nitrophenol	10.88	139	63710	58.358	ng		95
27) 2,4-Dimethylphenol	10.91	122	132988	48.498	ng		90
28) bis(2-Chloroethoxy)methane	11.15	93	152769	41.544	ng		98
29) 2,4-Dichlorophenol	11.42	162	119560	48.040	ng		93
30) 1,2,4-Trichlorobenzene	11.65	180	110128	37.749	ng		96
31) Naphthalene	11.85	128	376012	40.013	ng		99
32) Benzoic acid	11.01	122	64272	40.607	ng		87
33) 4-Chloroaniline	11.94	127	71628	17.047	ng		97
34) Hexachlorobutadiene	12.11	225	63059	38.535	ng		97
35) Caprolactam	12.68	113	45880	46.040	ng		89
36) 4-Chloro-3-methylphenol	12.99	107	144410	49.862	ng		95
37) 2-Methylnaphthalene	13.39	142	277733	40.850	ng		92
39) 1,2,4,5-Tetrachlorobenzene	13.75	216	122482	38.483	ng	#	97
40) Hexachlorocyclopentadiene	13.72	237	152139	93.795	ng		89

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.97	196	92280	45.976	ng		99
43) 2,4,5-Trichlorophenol	14.04	196	103198	44.424	ng	#	94
45) 1,1'-Biphenyl	14.36	154	352248	37.597	ng		96
46) 2-Chloronaphthalene	14.42	162	270865	38.703	ng		97
47) 2-Nitroaniline	14.60	65	101640	55.622	ng		91
48) Acenaphthylene	15.26	152	450687	39.333	ng		99
49) Dimethylphthalate	14.95	163	357308	39.249	ng		100
50) 2,6-Dinitrotoluene	15.08	165	80395	52.362	ng		91
51) Acenaphthene	15.59	154	300655	42.132	ng		97
52) 3-Nitroaniline	15.41	138	53461	31.716	ng	#	88
53) 2,4-Dinitrophenol	15.61	184	52155	99.999	ng		87
54) Dibenzofuran	15.91	168	422428	41.574	ng		91
55) 4-Nitrophenol	15.68	139	124022	82.910	ng		91
56) 2,4-Dinitrotoluene	15.86	165	113631	60.204	ng		88
57) Fluorene	16.56	166	342464	40.836	ng		100
58) 2,3,4,6-Tetrachlorophenol	16.13	232	88841m	49.258	ng		
59) Diethylphthalate	16.28	149	386789	40.282	ng		98
60) 4-Chlorophenyl-phenylether	16.53	204	173256	42.231	ng		91
61) 4-Nitroaniline	16.56	138	83350	42.922	ng		91
62) Azobenzene	16.82	77	362882	42.245	ng		96
64) 4,6-Dinitro-2-methylphenol	16.61	198	47505	59.597	ng		92
65) n-Nitrosodiphenylamine	16.74	169	317543	39.159	ng		99
66) 4-Bromophenyl-phenylether	17.42	248	107015	40.601	ng	#	87
67) Hexachlorobenzene	17.55	284	112735	39.579	ng	#	91
68) Atrazine	17.66	200	113505	42.524	ng		96
69) Pentachlorophenol	17.89	266	139353	77.672	ng		99
70) Phenanthrene	18.29	178	562885	40.476	ng		100
71) Anthracene	18.39	178	572864	41.031	ng		99
72) Carbazole	18.64	167	526413	38.253	ng		98
73) Di-n-butylphthalate	19.13	149	665179	39.400	ng		99
74) Fluoranthene	20.24	202	638398	41.558	ng		95
76) Benzidine	20.40	184	148298	18.037	ng		97
77) Pyrene	20.60	202	643090	37.807	ng		98
79) Butylbenzylphthalate	21.46	149	313218	41.532	ng		95
80) Benzo(a)anthracene	22.59	228	625412	40.434	ng		98
81) 3,3'-Dichlorobenzidine	22.47	252	114177	19.931	ng	#	96
82) Chrysene	22.66	228	584645	39.569	ng		98
83) Bis(2-ethylhexyl)phthalate	22.41	149	449339	40.251	ng	#	95
84) Di-n-octyl phthalate	23.82	149	780039	45.842	ng		99
85) Indeno(1,2,3-cd)pyrene	30.82	276	642042	37.260	ng	#	95
87) Benzo(b)fluoranthene	25.18	252	621996	40.513	ng	#	97
88) Benzo(k)fluoranthene	25.27	252	628157	41.168	ng	#	97
89) Benzo(a)pyrene	26.22	252	611100	41.848	ng	#	98
90) Dibenzo(a,h)anthracene	30.90	278	504490	34.322	ng	#	96
91) Benzo(g,h,i)perylene	32.20	276	549857	37.949	ng	#	95

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

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