Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022718\
Data File : BG032866.D
Acq On : 27 Feb 2018 22:19
Operator : SJ/JU
Sample : PB106883BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Feb 28 03:26:41 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 26 17:50:45 2018
Response via : Initial Calibration

Instrument : BNA_G
ClientSampleId : PB106883BS

Manual Integrations APPROVED
Sohil
2/28/2018 1:01:49 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	72604	20.00	ng		0.00
21) Naphthalene-d8	11.81	136	312289	20.00	ng		0.00
38) Acenaphthene-d10	15.54	164	183741	20.00	ng		0.00
63) Phenanthrene-d10	18.26	188	419879	20.00	ng		0.00
75) Chrysene-d12	22.62	240	386964	20.00	ng		-0.01
86) Perylene-d12	26.42	264	419172	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	6.33	112	419181	92.37	ng		0.00
7) Phenol-d6	8.02	99	559374	88.43	ng		0.00
23) Nitrobenzene-d5	10.12	82	307016	70.18	ng		0.00
41) 2,4,6-Tribromophenol	17.00	330	189723	98.20	ng		0.00
44) 2-Fluorobiphenyl	14.17	172	717440	56.31	ng		0.00
78) Terphenyl-d14	20.78	244	1071515	62.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.96	88	49652	25.210	ng		88
3) Pyridine	4.42	79	138911	25.589	ng		98
4) n-Nitrosodimethylamine	4.33	42	67508	31.018	ng	#	93
6) Aniline	8.21	93	90972	10.625	ng		95
8) 2-Chlorophenol	8.46	128	151574	30.515	ng		91
9) Benzaldehyde	8.02	77	62055	17.021	ng		93
10) Phenol	8.04	94	194166	30.450	ng		90
11) bis(2-Chloroethyl)ether	8.30	93	137658	26.401	ng		91
12) 1,3-Dichlorobenzene	8.80	146	150384	25.848	ng		98
13) 1,4-Dichlorobenzene	8.96	146	152111	25.974	ng		92
14) 1,2-Dichlorobenzene	9.29	146	143299	25.535	ng		97
15) Benzyl Alcohol	9.15	79	126678	27.241	ng		86
16) 2,2'-oxybis(1-Chloropropan	9.44	45	219364	24.473	ng		97
17) 2-Methylphenol	9.34	107	130679	27.792	ng		95
18) Hexachloroethane	10.05	117	54159	27.162	ng	#	86
19) n-Nitroso-di-n-propylamine	9.73	70	109456	24.510	ng	#	95
20) 3+4-Methylphenols	9.68	107	177338	27.125	ng		93
22) Acetophenone	9.76	105	208673	26.458	ng	#	94
24) Nitrobenzene	10.16	77	152322	32.900	ng	#	87
25) Isophorone	10.68	82	302894	27.633	ng		94
26) 2-Nitrophenol	10.89	139	73623	43.568	ng		91
27) 2,4-Dimethylphenol	10.92	122	163423	34.321	ng		89
28) bis(2-Chloroethoxy)methane	11.17	93	188766	29.562	ng		97
29) 2,4-Dichlorophenol	11.43	162	139982	32.391	ng		97
30) 1,2,4-Trichlorobenzene	11.66	180	132373	26.130	ng		97
31) Naphthalene	11.86	128	445739	27.315	ng		99
32) Benzoic acid	10.99	122	77561	31.632	ng	#	81
33) 4-Chloroaniline	11.94	127	85429	11.708	ng		95
34) Hexachlorobutadiene	12.12	225	71026	24.996	ng		95
35) Caprolactam	12.69	113	58244	33.658	ng	#	82
36) 4-Chloro-3-methylphenol	13.00	107	166879	33.182	ng		91
37) 2-Methylnaphthalene	13.40	142	331583	28.086	ng		93
39) 1,2,4,5-Tetrachlorobenzene	13.76	216	137553	25.219	ng	#	96
40) Hexachlorocyclopentadiene	13.73	237	166400	59.861	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.98	196	109525	31.841	ng		97
43) 2,4,5-Trichlorophenol	14.05	196	121415	30.498	ng		96
45) 1,1'-Biphenyl	14.38	154	414468	25.814	ng		95
46) 2-Chloronaphthalene	14.43	162	319434	26.633	ng		98
47) 2-Nitroaniline	14.61	65	108925	38.468	ng	#	89
48) Acenaphthylene	15.27	152	526391	26.807	ng		99
49) Dimethylphthalate	14.96	163	425900	27.299	ng		100
50) 2,6-Dinitrotoluene	15.08	165	93971	38.543	ng		86
51) Acenaphthene	15.60	154	332187	27.163	ng		98
52) 3-Nitroaniline	15.42	138	68453	25.604	ng	#	82
53) 2,4-Dinitrophenol	15.61	184	34210	49.646	ng	#	1
54) Dibenzofuran	15.92	168	503688	28.926	ng		96
55) 4-Nitrophenol	15.68	139	161347	64.645	ng	#	80
56) 2,4-Dinitrotoluene	15.86	165	130170	44.616	ng		87
57) Fluorene	16.57	166	403576	28.080	ng		97
58) 2,3,4,6-Tetrachlorophenol	16.13	232	104938m	33.950	ng		
59) Diethylphthalate	16.30	149	458130	27.841	ng		98
60) 4-Chlorophenyl-phenylether	16.55	204	198219	28.193	ng		95
61) 4-Nitroaniline	16.56	138	100286	31.714	ng		80
62) Azobenzene	16.83	77	413436	28.085	ng		96
64) 4,6-Dinitro-2-methylphenol	16.62	198	40296	36.871	ng		98
65) n-Nitrosodiphenylamine	16.75	169	376796	27.585	ng		99
66) 4-Bromophenyl-phenylether	17.44	248	120155	27.063	ng	#	90
67) Hexachlorobenzene	17.56	284	124156	25.877	ng	#	92
68) Atrazine	17.67	200	128822	28.652	ng		98
69) Pentachlorophenol	17.90	266	150697	49.865	ng		98
70) Phenanthrene	18.30	178	654988	27.961	ng		99
71) Anthracene	18.40	178	663082	28.195	ng		99
72) Carbazole	18.65	167	621689	26.820	ng		99
73) Di-n-butylphthalate	19.15	149	779598	27.414	ng		99
74) Fluoranthene	20.25	202	720449	27.842	ng		94
76) Benzidine	20.41	184	173624	13.163	ng		97
77) Pyrene	20.61	202	731131	26.792	ng		97
79) Butylbenzylphthalate	21.48	149	356684	29.481	ng		91
80) Benzo(a)anthracene	22.60	228	696150	28.055	ng		99
81) 3,3'-Dichlorobenzidine	22.48	252	136649	14.869	ng	#	97
82) Chrysene	22.67	228	654718	27.621	ng		98
83) Bis(2-ethylhexyl)phthalate	22.43	149	515982	28.811	ng	#	95
84) Di-n-octyl phthalate	23.85	149	881538	32.293	ng		97
85) Indeno(1,2,3-cd)pyrene	30.86	276	774363	28.012	ng		95
87) Benzo(b)fluoranthene	25.20	252	688319	27.772	ng	#	97
88) Benzo(k)fluoranthene	25.28	252	679493	27.586	ng	#	95
89) Benzo(a)pyrene	26.24	252	672614	28.533	ng	#	96
90) Dibenzo(a,h)anthracene	30.93	278	657668	27.717	ng	#	94
91) Benzo(g,h,i)perylene	32.25	276	657886	28.126	ng	#	91

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

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