Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030118\
Data File : BG032931.D
Acq On : 1 Mar 2018 23:54
Operator : SJ/JU
Sample : PB106984BSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB106984BSD

Manual Integrations APPROVED
Sohil
3/2/2018 3:29:06 PM

Quant Time: Mar 02 10:41:03 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 01 17:38:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	54770	20.00	ng		0.00
21) Naphthalene-d8	11.81	136	242558	20.00	ng		0.00
38) Acenaphthene-d10	15.54	164	144391	20.00	ng		0.00
63) Phenanthrene-d10	18.26	188	322853	20.00	ng		0.00
75) Chrysene-d12	22.62	240	300552	20.00	ng		0.00
86) Perylene-d12	26.43	264	315432	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.33	112	461922	134.93	ng		0.00
7) Phenol-d6	8.02	99	622048	130.36	ng		0.00
23) Nitrobenzene-d5	10.12	82	301829	86.19	ng		0.00
41) 2,4,6-Tribromophenol	17.01	330	205909	135.63	ng		0.00
44) 2-Fluorobiphenyl	14.16	172	678746	67.80	ng		0.00
78) Terphenyl-d14	20.78	244	1031452	77.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.96	88	61794	41.591	ng		91
3) Pyridine	4.42	79	167912	41.003	ng		99
4) n-Nitrosodimethylamine	4.33	42	83106	50.618	ng	#	91
6) Aniline	8.21	93	161961	25.075	ng		97
8) 2-Chlorophenol	8.46	128	175069	46.721	ng		94
9) Benzaldehyde	8.02	77	67750	24.635	ng		92
10) Phenol	8.05	94	222353	46.225	ng		91
11) bis(2-Chloroethyl)ether	8.30	93	153768	39.093	ng		95
12) 1,3-Dichlorobenzene	8.80	146	173252	39.475	ng		98
13) 1,4-Dichlorobenzene	8.96	146	175867	39.809	ng		97
14) 1,2-Dichlorobenzene	9.29	146	166817	39.405	ng		98
15) Benzyl Alcohol	9.15	79	147144	41.945	ng		90
16) 2,2'-oxybis(1-Chloropropan	9.45	45	273713	40.480	ng		99
17) 2-Methylphenol	9.35	107	147965	41.715	ng		96
18) Hexachloroethane	10.05	117	63214	42.026	ng	#	86
19) n-Nitroso-di-n-propylamine	9.73	70	128544	38.158	ng	#	95
20) 3+4-Methylphenols	9.68	107	209583	42.495	ng		96
22) Acetophenone	9.76	105	241312	39.393	ng	#	96
24) Nitrobenzene	10.16	77	179329	46.578	ng	#	92
25) Isophorone	10.68	82	356784	41.907	ng		95
26) 2-Nitrophenol	10.89	139	89567	60.106	ng		93
27) 2,4-Dimethylphenol	10.92	122	199983	54.072	ng		89
28) bis(2-Chloroethoxy)methane	11.17	93	217435	43.840	ng		97
29) 2,4-Dichlorophenol	11.43	162	164098	48.887	ng		96
30) 1,2,4-Trichlorobenzene	11.66	180	156232	39.706	ng		95
31) Naphthalene	11.86	128	516184	40.726	ng		99
32) Benzoic acid	11.04	122	28688m	19.364	ng		
33) 4-Chloroaniline	11.94	127	153920	27.160	ng		95
34) Hexachlorobutadiene	12.12	225	82252	37.268	ng		95
35) Caprolactam	12.68	113	65591	48.801	ng		90
36) 4-Chloro-3-methylphenol	13.00	107	193431	49.519	ng		90
37) 2-Methylnaphthalene	13.40	142	384138	41.892	ng		94
39) 1,2,4,5-Tetrachlorobenzene	13.76	216	161517	37.682	ng	#	97
40) Hexachlorocyclopentadiene	13.73	237	191754	87.781	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.98	196	126977	46.975	ng		98
43) 2,4,5-Trichlorophenol	14.05	196	139158	44.481	ng	#	96
45) 1,1'-Biphenyl	14.37	154	483438	38.315	ng		95
46) 2-Chloronaphthalene	14.43	162	370065	39.263	ng		98
47) 2-Nitroaniline	14.61	65	127955	52.636	ng	#	86
48) Acenaphthylene	15.27	152	614806	39.842	ng		99
49) Dimethylphthalate	14.96	163	494116	40.303	ng		99
50) 2,6-Dinitrotoluene	15.08	165	109154	52.717	ng		87
51) Acenaphthene	15.60	154	372940	38.806	ng		98
52) 3-Nitroaniline	15.42	138	94511	39.274	ng	#	86
53) 2,4-Dinitrophenol	15.62	184	8103	19.771	ng	#	1
54) Dibenzofuran	15.92	168	576512	42.130	ng		95
55) 4-Nitrophenol	15.69	139	153561	76.798	ng	#	77
56) 2,4-Dinitrotoluene	15.86	165	150247	59.387	ng		86
57) Fluorene	16.57	166	463975	41.081	ng		99
58) 2,3,4,6-Tetrachlorophenol	16.14	232	118165m	48.648	ng		
59) Diethylphthalate	16.29	149	527310	40.778	ng		97
60) 4-Chlorophenyl-phenylether	16.55	204	229242	41.492	ng		93
61) 4-Nitroaniline	16.57	138	119369	45.309	ng		83
62) Azobenzene	16.84	77	482933	41.746	ng		97
64) 4,6-Dinitro-2-methylphenol	16.62	198	16880	24.062	ng		97
65) n-Nitrosodiphenylamine	16.75	169	428067	40.757	ng		98
66) 4-Bromophenyl-phenylether	17.43	248	137335	40.229	ng	#	86
67) Hexachlorobenzene	17.56	284	142184	38.541	ng	#	91
68) Atrazine	17.68	200	143288	41.447	ng		96
69) Pentachlorophenol	17.90	266	129141	55.575	ng		96
70) Phenanthrene	18.30	178	735271	40.821	ng		99
71) Anthracene	18.40	178	744990	41.198	ng		99
72) Carbazole	18.65	167	688551	38.631	ng		98
73) Di-n-butylphthalate	19.15	149	862671	39.452	ng		100
74) Fluoranthene	20.25	202	804151	40.417	ng		95
76) Benzidine	20.41	184	334939	32.693	ng		97
77) Pyrene	20.61	202	804399	37.952	ng		97
79) Butylbenzylphthalate	21.48	149	405973	43.202	ng		92
80) Benzo(a)anthracene	22.60	228	777049	40.318	ng		100
81) 3,3'-Dichlorobenzidine	22.48	252	201368	28.211	ng	#	94
82) Chrysene	22.67	228	735896	39.972	ng		98
83) Bis(2-ethylhexyl)phthalate	22.43	149	586044	42.131	ng	#	95
84) Di-n-octyl phthalate	23.85	149	995392	46.947	ng		99
85) Indeno(1,2,3-cd)pyrene	30.86	276	852772	39.718	ng		96
87) Benzo(b)fluoranthene	25.21	252	777934	41.711	ng	#	97
88) Benzo(k)fluoranthene	25.29	252	767929	41.430	ng	#	96
89) Benzo(a)pyrene	26.25	252	753239	42.462	ng	#	95
90) Dibenzo(a,h)anthracene	30.95	278	696831	39.026	ng	#	93
91) Benzo(g,h,i)perylene	32.26	276	703238	39.953	ng	#	91

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

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