Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030118\
Data File : BG032937.D
Acq On : 2 Mar 2018 4:55
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
3/2/2018 3:29:09 PM

Quant Time: Mar 02 11:07:54 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	59868	20.00	ng		0.00
21) Naphthalene-d8	11.81	136	290364	20.00	ng		0.00
38) Acenaphthene-d10	15.54	164	167364	20.00	ng		0.00
63) Phenanthrene-d10	18.26	188	360979	20.00	ng		0.00
75) Chrysene-d12	22.62	240	326211	20.00	ng		0.00
86) Perylene-d12	26.43	264	349272	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.33	112	307870	82.27	ng		0.00
7) Phenol-d6	8.01	99	427249	81.91	ng		0.00
23) Nitrobenzene-d5	10.12	82	376810	89.47	ng		0.00
41) 2,4,6-Tribromophenol	17.01	330	139355	79.19	ng		0.00
44) 2-Fluorobiphenyl	14.16	172	852029	73.42	ng		0.00
78) Terphenyl-d14	20.78	244	1051737	72.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.97	88	67046	41.283	ng		90
3) Pyridine	4.44	79	189112	42.248	ng		99
4) n-Nitrosodimethylamine	4.34	42	78903	43.966	ng	#	92
6) Aniline	8.21	93	272436	38.587	ng		98
8) 2-Chlorophenol	8.46	128	167110	40.799	ng		93
9) Benzaldehyde	8.02	77	106939	35.573	ng		97
10) Phenol	8.04	94	214499	40.795	ng		94
11) bis(2-Chloroethyl)ether	8.30	93	166829	38.802	ng		97
12) 1,3-Dichlorobenzene	8.81	146	184722	38.505	ng		98
13) 1,4-Dichlorobenzene	8.96	146	186280	38.575	ng		97
14) 1,2-Dichlorobenzene	9.29	146	177866	38.437	ng		96
15) Benzyl Alcohol	9.15	79	153174	39.946	ng		91
16) 2,2'-oxybis(1-Chloropropan	9.45	45	299243	40.487	ng		99
17) 2-Methylphenol	9.35	107	152804	39.411	ng		94
18) Hexachloroethane	10.05	117	66359	40.360	ng	#	86
19) n-Nitroso-di-n-propylamine	9.73	70	145189	39.429	ng	#	95
20) 3+4-Methylphenols	9.68	107	221563	41.098	ng		94
22) Acetophenone	9.76	105	270626	36.905	ng	#	96
24) Nitrobenzene	10.16	77	196619	43.197	ng		92
25) Isophorone	10.69	82	379361	37.223	ng		95
26) 2-Nitrophenol	10.89	139	91633	53.734	ng		96
27) 2,4-Dimethylphenol	10.92	122	167114	37.746	ng		88
28) bis(2-Chloroethoxy)methane	11.17	93	218383	36.782	ng		96
29) 2,4-Dichlorophenol	11.43	162	157363	39.162	ng		94
30) 1,2,4-Trichlorobenzene	11.66	180	172729	36.671	ng		95
31) Naphthalene	11.86	128	563711	37.153	ng		98
32) Benzoic acid	11.00	122	77444	33.213	ng	#	83
33) 4-Chloroaniline	11.94	127	249965	36.846	ng		97
34) Hexachlorobutadiene	12.12	225	93712	35.469	ng		97
35) Caprolactam	12.69	113	65451	40.679	ng		91
36) 4-Chloro-3-methylphenol	13.00	107	190867	40.818	ng		93
37) 2-Methylnaphthalene	13.41	142	410950	37.437	ng		92
39) 1,2,4,5-Tetrachlorobenzene	13.76	216	183268	36.888	ng	#	98
40) Hexachlorocyclopentadiene	13.73	237	95301	37.639	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.98	196	124466	39.725	ng		98
43) 2,4,5-Trichlorophenol	14.05	196	148687	41.003	ng		97
45) 1,1'-Biphenyl	14.37	154	542534	37.096	ng		96
46) 2-Chloronaphthalene	14.43	162	402963	36.885	ng		98
47) 2-Nitroaniline	14.62	65	135234	48.862	ng		93
48) Acenaphthylene	15.27	152	667465	37.317	ng		99
49) Dimethylphthalate	14.96	163	524606	36.916	ng		99
50) 2,6-Dinitrotoluene	15.09	165	113458	48.193	ng		90
51) Acenaphthene	15.60	154	405947	36.443	ng		99
52) 3-Nitroaniline	15.42	138	129172	44.958	ng	#	85
53) 2,4-Dinitrophenol	15.62	184	8670	18.614	ng	#	1
54) Dibenzofuran	15.93	168	588399	37.097	ng		94
55) 4-Nitrophenol	15.68	139	71572	35.114	ng		85
56) 2,4-Dinitrotoluene	15.86	165	152017	53.669	ng		88
57) Fluorene	16.57	166	483343	36.921	ng		99
58) 2,3,4,6-Tetrachlorophenol	16.14	232	112061m	39.803	ng		
59) Diethylphthalate	16.30	149	554517	36.996	ng		98
60) 4-Chlorophenyl-phenylether	16.55	204	237895	37.147	ng		91
61) 4-Nitroaniline	16.57	138	126582	41.903	ng		83
62) Azobenzene	16.84	77	496321	37.014	ng		96
64) 4,6-Dinitro-2-methylphenol	16.62	198	38652	39.836	ng		93
65) n-Nitrosodiphenylamine	16.75	169	442062	37.644	ng		98
66) 4-Bromophenyl-phenylether	17.44	248	138706	36.339	ng	#	89
67) Hexachlorobenzene	17.56	284	150456	36.476	ng	#	91
68) Atrazine	17.68	200	139798	36.166	ng		96
69) Pentachlorophenol	17.90	266	87661	33.740	ng		98
70) Phenanthrene	18.30	178	749482	37.215	ng		98
71) Anthracene	18.40	178	754380	37.311	ng		99
72) Carbazole	18.65	167	720160	36.137	ng		98
73) Di-n-butylphthalate	19.15	149	925938	37.873	ng		99
74) Fluoranthene	20.25	202	820608	36.888	ng		94
76) Benzidine	20.41	184	282242	25.383	ng		97
77) Pyrene	20.61	202	844582	36.714	ng		97
79) Butylbenzylphthalate	21.48	149	418581	41.040	ng		94
80) Benzo(a)anthracene	22.60	228	780014	37.289	ng		99
81) 3,3'-Dichlorobenzidine	22.49	252	288663	37.259	ng	#	99
82) Chrysene	22.68	228	748946	37.481	ng		98
83) Bis(2-ethylhexyl)phthalate	22.43	149	611246	40.486	ng		96
84) Di-n-octyl phthalate	23.86	149	973362	42.297	ng		100
85) Indeno(1,2,3-cd)pyrene	30.87	276	831801	35.694	ng	#	90
87) Benzo(b)fluoranthene	25.21	252	766137	37.099	ng	#	97
88) Benzo(k)fluoranthene	25.29	252	773543	37.690	ng	#	96
89) Benzo(a)pyrene	26.26	252	740282	37.688	ng	#	96
90) Dibenzo(a,h)anthracene	30.94	278	677231	34.253	ng	#	92
91) Benzo(g,h,i)perylene	32.26	276	690468	35.427	ng	#	91

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

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