Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031218\
Data File : BG033113.D
Acq On : 13 Mar 2018 6:38
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 13 09:01:30 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

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Sohil
3/13/2018 4:20:43 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.91	152	41874	20.00	ng		0.00
21) Naphthalene-d8	11.79	136	202672	20.00	ng		0.00
38) Acenaphthene-d10	15.53	164	123934	20.00	ng		0.00
63) Phenanthrene-d10	18.25	188	282282	20.00	ng		0.00
75) Chrysene-d12	22.61	240	265378	20.00	ng		0.00
86) Perylene-d12	26.41	264	294691	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.32	112	203379	77.70	ng		0.00
7) Phenol-d6	8.00	99	286577	78.55	ng		0.00
23) Nitrobenzene-d5	10.11	82	268667	91.18	ng		0.00
41) 2,4,6-Tribromophenol	17.00	330	119101	91.40	ng		0.00
44) 2-Fluorobiphenyl	14.15	172	606955	70.63	ng		0.00
78) Terphenyl-d14	20.77	244	853843	72.29	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.96	88	41471	36.509	ng		95
3) Pyridine	4.43	79	123744	39.524	ng		89
4) n-Nitrosodimethylamine	4.33	42	57335	45.677	ng	#	84
6) Aniline	8.20	93	189455	38.365	ng		99
8) 2-Chlorophenol	8.45	128	109301	38.152	ng		97
9) Benzaldehyde	8.00	77	70458	33.509	ng		92
10) Phenol	8.03	94	145273	39.502	ng		99
11) bis(2-Chloroethyl)ether	8.29	93	109809	36.515	ng		97
12) 1,3-Dichlorobenzene	8.80	146	123874	36.917	ng		96
13) 1,4-Dichlorobenzene	8.94	146	126438	37.434	ng		94
14) 1,2-Dichlorobenzene	9.28	146	121861	37.650	ng		95
15) Benzyl Alcohol	9.14	79	109400	40.790	ng		92
16) 2,2'-oxybis(1-Chloropropan	9.43	45	221582	42.862	ng		99
17) 2-Methylphenol	9.34	107	106799	39.382	ng		99
18) Hexachloroethane	10.04	117	45493	39.559	ng	#	86
19) n-Nitroso-di-n-propylamine	9.72	70	99949	38.807	ng	#	87
20) 3+4-Methylphenols	9.67	107	150587	39.936	ng		96
22) Acetophenone	9.75	105	189256	36.975	ng	#	96
24) Nitrobenzene	10.15	77	142174	44.521	ng		96
25) Isophorone	10.67	82	255933	35.978	ng		96
26) 2-Nitrophenol	10.88	139	65066	54.398	ng		97
27) 2,4-Dimethylphenol	10.91	122	109417	35.407	ng		92
28) bis(2-Chloroethoxy)methane	11.15	93	144852	34.954	ng		96
29) 2,4-Dichlorophenol	11.42	162	109475	39.033	ng		96
30) 1,2,4-Trichlorobenzene	11.65	180	119150	36.241	ng		96
31) Naphthalene	11.85	128	385671	36.417	ng		100
32) Benzoic acid	11.02	122	81582	44.066	ng	#	86
33) 4-Chloroaniline	11.93	127	167365	35.345	ng		97
34) Hexachlorobutadiene	12.11	225	69166	37.506	ng		96
35) Caprolactam	12.67	113	45469	40.488	ng		99
36) 4-Chloro-3-methylphenol	12.99	107	137481	42.122	ng		94
37) 2-Methylnaphthalene	13.40	142	281086	36.686	ng		94
39) 1,2,4,5-Tetrachlorobenzene	13.75	216	135348	36.789	ng	#	97
40) Hexachlorocyclopentadiene	13.72	237	68565	36.569	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.97	196	89952	38.770	ng		99
43) 2,4,5-Trichlorophenol	14.04	196	104930	39.076	ng	#	94
45) 1,1'-Biphenyl	14.37	154	376342	34.750	ng		95
46) 2-Chloronaphthalene	14.42	162	279892	34.598	ng		96
47) 2-Nitroaniline	14.61	65	105415	50.917	ng		97
48) Acenaphthylene	15.26	152	477452	36.048	ng		99
49) Dimethylphthalate	14.95	163	373676	35.510	ng		99
50) 2,6-Dinitrotoluene	15.08	165	81606	47.066	ng		97
51) Acenaphthene	15.59	154	296613	35.959	ng		98
52) 3-Nitroaniline	15.41	138	91022	43.147	ng	#	88
53) 2,4-Dinitrophenol	15.61	184	20533	45.433	ng	#	1
54) Dibenzofuran	15.92	168	421580	35.894	ng		94
55) 4-Nitrophenol	15.68	139	53757	35.515	ng		96
56) 2,4-Dinitrotoluene	15.85	165	113851	54.123	ng		90
57) Fluorene	16.56	166	348309	35.930	ng		98
58) 2,3,4,6-Tetrachlorophenol	16.13	232	86178m	41.336	ng		
59) Diethylphthalate	16.29	149	404349	36.431	ng		97
60) 4-Chlorophenyl-phenylether	16.53	204	174241	36.742	ng		91
61) 4-Nitroaniline	16.56	138	87990	39.659	ng		96
62) Azobenzene	16.83	77	363653	36.624	ng		97
64) 4,6-Dinitro-2-methylphenol	16.61	198	50200	56.818	ng		94
65) n-Nitrosodiphenylamine	16.75	169	322014	35.066	ng		99
66) 4-Bromophenyl-phenylether	17.43	248	109287	36.614	ng	#	88
67) Hexachlorobenzene	17.56	284	120942	37.495	ng		95
68) Atrazine	17.66	200	105531	34.913	ng		97
69) Pentachlorophenol	17.89	266	76657	37.730	ng		98
70) Phenanthrene	18.30	178	564950	35.873	ng		99
71) Anthracene	18.38	178	563359	35.631	ng		99
72) Carbazole	18.64	167	538785	34.573	ng		98
73) Di-n-butylphthalate	19.14	149	684715	35.814	ng		99
74) Fluoranthene	20.25	202	635100	36.508	ng		97
76) Benzidine	20.40	184	118883m	13.142	ng		
77) Pyrene	20.60	202	652887	34.887	ng		99
79) Butylbenzylphthalate	21.46	149	319261	38.477	ng		94
80) Benzo(a)anthracene	22.58	228	617670	36.296	ng		99
81) 3,3'-Dichlorobenzidine	22.47	252	218588	34.682	ng	#	99
82) Chrysene	22.67	228	593915	36.535	ng		99
83) Bis(2-ethylhexyl)phthalate	22.41	149	457836	37.277	ng		94
84) Di-n-octyl phthalate	23.82	149	725617	38.760	ng		98
85) Indeno(1,2,3-cd)pyrene	30.83	276	663274	34.986	ng	#	96
87) Benzo(b)fluoranthene	25.27	252	609564	34.984	ng		98
88) Benzo(k)fluoranthene	25.27	252	609564	35.201	ng	#	98
89) Benzo(a)pyrene	26.23	252	582364	35.140	ng	#	96
90) Dibenzo(a,h)anthracene	30.91	278	544873	32.663	ng	#	97
91) Benzo(g,h,i)perylene	32.22	276	544141	33.090	ng		95

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

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