Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG030518\
Data File : BG033001.D
Acq On : 5 Mar 2018 23:34
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
3/6/2018 4:26:34 PM

Quant Time: Mar 06 02:25:22 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	8.93	152	60990	20.00	ng		0.01
21) Naphthalene-d8	11.82	136	290926	20.00	ng		0.01
38) Acenaphthene-d10	15.54	164	172600	20.00	ng		0.00
63) Phenanthrene-d10	18.27	188	371595	20.00	ng		0.00
75) Chrysene-d12	22.62	240	322836	20.00	ng		0.00
86) Perylene-d12	26.43	264	354127	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.35	112	307612	80.69	ng		0.02
7) Phenol-d6	8.03	99	439929	82.79	ng		0.01
23) Nitrobenzene-d5	10.13	82	392860	92.69	ng		0.01
41) 2,4,6-Tribromophenol	17.01	330	148274	81.70	ng		0.00
44) 2-Fluorobiphenyl	14.17	172	875665	73.17	ng		0.00
78) Terphenyl-d14	20.78	244	1070872	74.53	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.98	88	65229	39.426	ng		93
3) Pyridine	4.45	79	189244	41.500	ng		96
4) n-Nitrosodimethylamine	4.35	42	85128	46.562	ng	#	85
6) Aniline	8.22	93	281495	39.136	ng		97
8) 2-Chlorophenol	8.48	128	166734	39.958	ng		96
9) Benzaldehyde	8.03	77	107667	35.156	ng		89
10) Phenol	8.06	94	223480	41.721	ng		94
11) bis(2-Chloroethyl)ether	8.32	93	168556	38.483	ng		96
12) 1,3-Dichlorobenzene	8.82	146	187287	38.321	ng		96
13) 1,4-Dichlorobenzene	8.97	146	186590	37.929	ng		97
14) 1,2-Dichlorobenzene	9.30	146	178629	37.892	ng		97
15) Benzyl Alcohol	9.16	79	160708	41.140	ng		90
16) 2,2'-oxybis(1-Chloropropan	9.46	45	328604	43.641	ng		100
17) 2-Methylphenol	9.36	107	157560	39.890	ng		97
18) Hexachloroethane	10.06	117	66458	39.676	ng	#	82
19) n-Nitroso-di-n-propylamine	9.74	70	151628	40.420	ng	#	93
20) 3+4-Methylphenols	9.70	107	227151	41.360	ng		96
22) Acetophenone	9.77	105	282456	38.444	ng	#	97
24) Nitrobenzene	10.18	77	207870	45.229	ng		92
25) Isophorone	10.70	82	389786	38.172	ng	#	94
26) 2-Nitrophenol	10.90	139	95492	55.267	ng		96
27) 2,4-Dimethylphenol	10.93	122	168737	38.039	ng		91
28) bis(2-Chloroethoxy)methane	11.18	93	223673	37.600	ng		96
29) 2,4-Dichlorophenol	11.44	162	160747	39.927	ng		95
30) 1,2,4-Trichlorobenzene	11.67	180	174489	36.973	ng		97
31) Naphthalene	11.87	128	574933	37.820	ng		98
32) Benzoic acid	11.05	122	125546	46.221	ng		87
33) 4-Chloroaniline	11.96	127	256484	37.734	ng		97
34) Hexachlorobutadiene	12.13	225	96379	36.408	ng		98
35) Caprolactam	12.70	113	66127	41.020	ng		99
36) 4-Chloro-3-methylphenol	13.02	107	200269	42.746	ng		95
37) 2-Methylnaphthalene	13.42	142	420046	38.192	ng		94
39) 1,2,4,5-Tetrachlorobenzene	13.77	216	187738	36.641	ng	#	96
40) Hexachlorocyclopentadiene	13.74	237	99181	37.983	ng		89

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.99	196	127102	39.336	ng		100
43) 2,4,5-Trichlorophenol	14.06	196	151035	40.387	ng	#	97
45) 1,1'-Biphenyl	14.38	154	560712	37.176	ng		95
46) 2-Chloronaphthalene	14.44	162	415945	36.918	ng		96
47) 2-Nitroaniline	14.62	65	148074	51.271	ng		95
48) Acenaphthylene	15.27	152	688970	37.351	ng		98
49) Dimethylphthalate	14.97	163	532986	36.368	ng		99
50) 2,6-Dinitrotoluene	15.10	165	116749	48.106	ng		92
51) Acenaphthene	15.61	154	431649	37.575	ng		98
52) 3-Nitroaniline	15.42	138	130453	44.183	ng	#	87
53) 2,4-Dinitrophenol	15.62	184	25553	41.689	ng	#	1
54) Dibenzofuran	15.93	168	606382	37.071	ng		92
55) 4-Nitrophenol	15.69	139	78459	36.880	ng		89
56) 2,4-Dinitrotoluene	15.87	165	158759	54.175	ng		89
57) Fluorene	16.58	166	498824	36.948	ng		99
58) 2,3,4,6-Tetrachlorophenol	16.14	232	117828m	40.581	ng		
59) Diethylphthalate	16.30	149	570176	36.887	ng		98
60) 4-Chlorophenyl-phenylether	16.55	204	243668	36.895	ng		90
61) 4-Nitroaniline	16.58	138	125699	40.545	ng		84
62) Azobenzene	16.84	77	521716	37.728	ng		97
64) 4,6-Dinitro-2-methylphenol	16.62	198	67979	57.939	ng		91
65) n-Nitrosodiphenylamine	16.76	169	453927	37.550	ng		98
66) 4-Bromophenyl-phenylether	17.44	248	145318	36.984	ng	#	87
67) Hexachlorobenzene	17.57	284	156272	36.803	ng	#	93
68) Atrazine	17.67	200	143342	36.024	ng		97
69) Pentachlorophenol	17.90	266	102551	38.343	ng		100
70) Phenanthrene	18.31	178	778905	37.571	ng		98
71) Anthracene	18.40	178	781177	37.533	ng		98
72) Carbazole	18.65	167	736203	35.886	ng		98
73) Di-n-butylphthalate	19.15	149	943144	37.475	ng		99
74) Fluoranthene	20.26	202	844395	36.872	ng		94
76) Benzidine	20.41	184	249805	22.700	ng		98
77) Pyrene	20.62	202	869418	38.188	ng		99
79) Butylbenzylphthalate	21.48	149	426473	42.250	ng		93
80) Benzo(a)anthracene	22.60	228	794623	38.384	ng		100
81) 3,3'-Dichlorobenzidine	22.48	252	284400	37.093	ng	#	97
82) Chrysene	22.67	228	767381	38.805	ng		99
83) Bis(2-ethylhexyl)phthalate	22.43	149	615871	41.219	ng		96
84) Di-n-octyl phthalate	23.84	149	982570	43.144	ng		99
85) Indeno(1,2,3-cd)pyrene	30.86	276	852619	36.969	ng		98
87) Benzo(b)fluoranthene	25.21	252	793373	37.891	ng	#	97
88) Benzo(k)fluoranthene	25.29	252	791281	38.025	ng	#	96
89) Benzo(a)pyrene	26.25	252	759482	38.136	ng	#	96
90) Dibenzo(a,h)anthracene	30.94	278	701792	35.009	ng	#	95
91) Benzo(g,h,i)perylene	32.25	276	710360	35.948	ng	#	91

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

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