Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071218\
Data File : BG035596.D
Acq On : 12 Jul 2018 15:59
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
7/13/2018 12:36:30 PM

Quant Time: Jul 13 09:17:13 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 12 14:43:32 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	39691	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	168059	20.00	ng		0.00
38) Acenaphthene-d10	14.68	164	126797	20.00	ng		0.00
63) Phenanthrene-d10	17.42	188	340654	20.00	ng		0.00
75) Chrysene-d12	21.69	240	354215	20.00	ng		0.00
86) Perylene-d12	24.91	264	346946	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	187158	78.29	ng		0.00
7) Phenol-d6	7.22	99	276575	77.54	ng		0.00
23) Nitrobenzene-d5	9.22	82	314350	78.14	ng		0.00
41) 2,4,6-Tribromophenol	16.16	330	129042	77.21	ng		0.00
44) 2-Fluorobiphenyl	13.30	172	697659	73.71	ng		0.00
78) Terphenyl-d14	20.02	244	1230584	76.58	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.56	88	45454	37.356	ng	#	73
3) Pyridine	3.95	79	128190	40.355	ng	#	79
4) n-Nitrosodimethylamine	3.86	42	51541	37.789	ng	#	86
6) Aniline	7.38	93	181938	39.353	ng		98
8) 2-Chlorophenol	7.62	128	95471	39.265	ng		95
9) Benzaldehyde	7.19	77	88809	40.579	ng		95
10) Phenol	7.25	94	143323	39.772	ng		91
11) bis(2-Chloroethyl)ether	7.48	93	111794	39.613	ng		90
12) 1,3-Dichlorobenzene	7.95	146	115626	39.379	ng		95
13) 1,4-Dichlorobenzene	8.09	146	118662	39.775	ng		96
14) 1,2-Dichlorobenzene	8.42	146	113689	39.668	ng		99
15) Benzyl Alcohol	8.29	79	132026	40.761	ng		89
16) 2,2'-oxybis(1-Chloropropan	8.59	45	111221m	47.008	ng		
17) 2-Methylphenol	8.50	107	96932	39.563	ng	#	84
18) Hexachloroethane	9.14	117	42953	37.656	ng		93
19) n-Nitroso-di-n-propylamine	8.86	70	118538	39.465	ng	#	84
20) 3+4-Methylphenols	8.82	107	140537	41.347	ng		90
22) Acetophenone	8.88	105	197543	37.799	ng	#	93
24) Nitrobenzene	9.26	77	155648	38.471	ng	#	90
25) Isophorone	9.78	82	290763	38.934	ng		98
26) 2-Nitrophenol	9.97	139	58952	41.027	ng	#	90
27) 2,4-Dimethylphenol	10.03	122	97739	40.184	ng		91
28) bis(2-Chloroethoxy)methane	10.26	93	161782	39.314	ng		93
29) 2,4-Dichlorophenol	10.51	162	109142	39.310	ng		96
30) 1,2,4-Trichlorobenzene	10.72	180	134277	39.440	ng		98
31) Naphthalene	10.91	128	338080	38.618	ng		98
32) Benzoic acid	10.16	122	55854	34.112	ng	#	89
33) 4-Chloroaniline	11.02	127	149446	39.168	ng	#	91
34) Hexachlorobutadiene	11.19	225	104647	39.418	ng		99
35) Caprolactam	11.79	113	48038m	40.318	ng		
36) 4-Chloro-3-methylphenol	12.13	107	143300	38.505	ng		92
37) 2-Methylnaphthalene	12.51	142	260512	39.943	ng	#	94
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	178446	37.287	ng		99
40) Hexachlorocyclopentadiene	12.86	237	95220	37.938	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	109194	39.016	ng		97
43) 2,4,5-Trichlorophenol	13.19	196	121308	38.745	ng		95
45) 1,1'-Biphenyl	13.51	154	365413	37.171	ng		96
46) 2-Chloronaphthalene	13.56	162	279648	36.572	ng		98
47) 2-Nitroaniline	13.76	65	105763	39.123	ng		95
48) Acenaphthylene	14.40	152	474594	37.052	ng		98
49) Dimethylphthalate	14.13	163	415490	37.400	ng		99
50) 2,6-Dinitrotoluene	14.25	165	84477	37.342	ng		95
51) Acenaphthene	14.74	154	293483	36.781	ng		96
52) 3-Nitroaniline	14.58	138	89953	38.904	ng	#	98
53) 2,4-Dinitrophenol	14.79	184	36881	35.676	ng	#	62
54) Dibenzofuran	15.08	168	465335	36.670	ng		92
55) 4-Nitrophenol	14.89	139	65529	39.795	ng	#	73
56) 2,4-Dinitrotoluene	15.04	165	125677	38.723	ng		92
57) Fluorene	15.72	166	392162	36.872	ng		95
58) 2,3,4,6-Tetrachlorophenol	15.30	232	114955	38.294	ng		95
59) Diethylphthalate	15.49	149	420454	36.807	ng		97
60) 4-Chlorophenyl-phenylether	15.71	204	231301	37.001	ng		97
61) 4-Nitroaniline	15.74	138	91799	37.955	ng	#	78
62) Azobenzene	16.01	77	415937	36.914	ng		94
64) 4,6-Dinitro-2-methylphenol	15.80	198	71913	37.923	ng		90
65) n-Nitrosodiphenylamine	15.93	169	372183	38.384	ng		97
66) 4-Bromophenyl-phenylether	16.60	248	153159	38.753	ng		94
67) Hexachlorobenzene	16.73	284	155693	38.254	ng		93
68) Atrazine	16.87	200	152476	38.193	ng		98
69) Pentachlorophenol	17.07	266	94885	38.275	ng		97
70) Phenanthrene	17.46	178	630474	37.091	ng		97
71) Anthracene	17.56	178	630583	37.257	ng		97
72) Carbazole	17.82	167	602681	37.495	ng		99
73) Di-n-butylphthalate	18.37	149	705847	37.160	ng	#	98
74) Fluoranthene	19.47	202	839529	36.667	ng		98
76) Benzidine	19.65	184	327078	35.123	ng		98
77) Pyrene	19.83	202	855311	38.188	ng		96
79) Butylbenzylphthalate	20.71	149	312643	39.034	ng		97
80) Benzo(a)anthracene	21.67	228	844633	38.264	ng		99
81) 3,3'-Dichlorobenzidine	21.58	252	299642	38.931	ng		97
82) Chrysene	21.74	228	787979	38.522	ng		99
83) Bis(2-ethylhexyl)phthalate	21.57	149	425398	39.067	ng		98
84) Di-n-octyl phthalate	22.78	149	721163	39.555	ng	#	94
85) Indeno(1,2,3-cd)pyrene	28.58	276	887739	39.200	ng	#	89
87) Benzo(b)fluoranthene	23.88	252	796386	37.766	ng	#	96
88) Benzo(k)fluoranthene	23.95	252	796534	38.637	ng	#	97
89) Benzo(a)pyrene	24.76	252	752329	38.349	ng	#	96
90) Dibenzo(a,h)anthracene	28.64	278	736316	38.231	ng	#	96
91) Benzo(g,h,i)perylene	29.73	276	726396	38.542	ng	#	92

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

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