Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072018\
Data File : BG035783.D
Acq On : 20 Jul 2018 14:16
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
7/23/2018 2:18:50 PM

Quant Time: Jul 20 15:37:23 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 18 17:45:13 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	58077	20.00	ng	-0.01
21) Naphthalene-d8	10.83	136	225740	20.00	ng	-0.01
38) Acenaphthene-d10	14.65	164	152104	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	380920	20.00	ng	0.00
75) Chrysene-d12	21.66	240	404448	20.00	ng	-0.01
86) Perylene-d12	24.86	264	406326	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	277390	79.30	ng	0.00
7) Phenol-d6	7.20	99	403054	77.23	ng	0.00
23) Nitrobenzene-d5	9.19	82	424113	78.49	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	165974	82.79	ng	-0.01
44) 2-Fluorobiphenyl	13.28	172	932125	82.10	ng	0.00
78) Terphenyl-d14	20.00	244	1483184	80.84	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.53	88	64323	36.128	ng	# 71
3) Pyridine	3.93	79	172893	37.197	ng	# 74
4) n-Nitrosodimethylamine	3.84	42	69956	35.053	ng	# 86
6) Aniline	7.36	93	251810	37.224	ng	99
8) 2-Chlorophenol	7.60	128	142734	40.119	ng	93
9) Benzaldehyde	7.17	77	114487	35.751	ng	94
10) Phenol	7.23	94	210369	39.896	ng	94
11) bis(2-Chloroethyl)ether	7.45	93	160651	38.904	ng	89
12) 1,3-Dichlorobenzene	7.92	146	172983	40.263	ng	96
13) 1,4-Dichlorobenzene	8.06	146	182055	41.705	ng	97
14) 1,2-Dichlorobenzene	8.38	146	166761	39.766	ng	99
15) Benzyl Alcohol	8.27	79	175587	37.048	ng	91
16) 2,2'-oxybis(1-Chloropropan	8.55	45	124772	36.040	ng	75
17) 2-Methylphenol	8.47	107	139007	38.774	ng	90
18) Hexachloroethane	9.11	117	66080	39.591	ng	92
19) n-Nitroso-di-n-propylamine	8.83	70	155308	35.338	ng	# 84
20) 3+4-Methylphenols	8.80	107	198089	39.829	ng	93
22) Acetophenone	8.85	105	278309	39.646	ng	# 90
24) Nitrobenzene	9.23	77	214990	39.560	ng	90
25) Isophorone	9.76	82	380065	37.888	ng	99
26) 2-Nitrophenol	9.94	139	86566	44.851	ng	# 93
27) 2,4-Dimethylphenol	10.00	122	133140	40.752	ng	84
28) bis(2-Chloroethoxy)methane	10.24	93	219834	39.771	ng	98
29) 2,4-Dichlorophenol	10.48	162	161562	43.321	ng	94
30) 1,2,4-Trichlorobenzene	10.69	180	195791	42.814	ng	95
31) Naphthalene	10.88	128	472601	40.190	ng	98
32) Benzoic acid	10.17	122	75360	34.264	ng	95
33) 4-Chloroaniline	10.99	127	198348	38.701	ng	92
34) Hexachlorobutadiene	11.16	225	154470	43.317	ng	98
35) Caprolactam	11.77	113	56421	35.254	ng	# 67
36) 4-Chloro-3-methylphenol	12.11	107	192602	38.529	ng	94
37) 2-Methylnaphthalene	12.48	142	356161	40.655	ng	95
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	245536	42.769	ng	99
40) Hexachlorocyclopentadiene	12.83	237	135512	45.009	ng	86

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	148616	44.266	ng		99
43) 2,4,5-Trichlorophenol	13.17	196	160278	42.675	ng		97
45) 1,1'-Biphenyl	13.49	154	489935	41.546	ng		97
46) 2-Chloronaphthalene	13.53	162	382121	41.658	ng		99
47) 2-Nitroaniline	13.74	65	127851	39.425	ng		99
48) Acenaphthylene	14.38	152	619523	40.319	ng		97
49) Dimethylphthalate	14.11	163	518587	38.914	ng		99
50) 2,6-Dinitrotoluene	14.23	165	115457	42.545	ng	#	91
51) Acenaphthene	14.72	154	382907	40.004	ng		98
52) 3-Nitroaniline	14.56	138	109577	39.506	ng	#	90
53) 2,4-Dinitrophenol	14.77	184	45392	36.433	ng	#	58
54) Dibenzofuran	15.05	168	614183	40.347	ng		96
55) 4-Nitrophenol	14.88	139	75355	38.148	ng	#	87
56) 2,4-Dinitrotoluene	15.01	165	166106	42.665	ng	#	87
57) Fluorene	15.70	166	506276	39.681	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.28	232	146830	40.774	ng	#	93
59) Diethylphthalate	15.46	149	517218	37.744	ng		97
60) 4-Chlorophenyl-phenylether	15.69	204	303617	40.488	ng		99
61) 4-Nitroaniline	15.72	138	114489	39.460	ng		86
62) Azobenzene	15.98	77	495725	36.675	ng		96
64) 4,6-Dinitro-2-methylphenol	15.78	198	81189	38.289	ng		85
65) n-Nitrosodiphenylamine	15.91	169	461689	42.582	ng		98
66) 4-Bromophenyl-phenylether	16.58	248	194538	44.020	ng		95
67) Hexachlorobenzene	16.70	284	201026	44.171	ng		95
68) Atrazine	16.85	200	176073	39.442	ng		96
69) Pentachlorophenol	17.05	266	145348	52.434	ng		98
70) Phenanthrene	17.44	178	791552	41.645	ng		99
71) Anthracene	17.53	178	781426	41.288	ng		98
72) Carbazole	17.80	167	734630	40.872	ng		98
73) Di-n-butylphthalate	18.35	149	856513	40.326	ng	#	98
74) Fluoranthene	19.45	202	1015903	39.680	ng		98
76) Benzidine	19.62	184	366540m	34.472	ng		
77) Pyrene	19.81	202	1027607	40.182	ng		97
79) Butylbenzylphthalate	20.69	149	392447	42.913	ng		94
80) Benzo(a)anthracene	21.64	228	1008769	40.024	ng		99
81) 3,3'-Dichlorobenzidine	21.56	252	377051	42.904	ng		96
82) Chrysene	21.71	228	947611	40.572	ng		96
83) Bis(2-ethylhexyl)phthalate	21.54	149	545670	43.889	ng		99
84) Di-n-octyl phthalate	22.74	149	933227	44.829	ng	#	93
85) Indeno(1,2,3-cd)pyrene	28.51	276	1104639	42.719	ng	#	94
87) Benzo(b)fluoranthene	23.85	252	988549	40.028	ng	#	96
88) Benzo(k)fluoranthene	23.91	252	989194	40.970	ng	#	97
89) Benzo(a)pyrene	24.71	252	934488	40.673	ng	#	98
90) Dibenzo(a,h)anthracene	28.57	278	939332	41.644	ng	#	95
91) Benzo(g,h,i)perylene	29.65	276	907288	41.105	ng	#	95

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

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