Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072018\
Data File : BG035802.D
Acq On : 21 Jul 2018 3:12
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
7/26/2018 12:12:29 PM

Quant Time: Jul 21 04:45:56 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 15:28:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	59399	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	236222	20.00	ng		0.00
38) Acenaphthene-d10	14.66	164	162982	20.00	ng		0.00
63) Phenanthrene-d10	17.40	188	416681	20.00	ng		0.00
75) Chrysene-d12	21.66	240	457206	20.00	ng		0.00
86) Perylene-d12	24.86	264	454773	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	288987	80.77	ng		0.00
7) Phenol-d6	7.20	99	423276	79.30	ng		0.00
23) Nitrobenzene-d5	9.19	82	448337	79.29	ng		0.00
41) 2,4,6-Tribromophenol	16.14	330	181189	84.34	ng		0.00
44) 2-Fluorobiphenyl	13.27	172	995594	81.84	ng		0.00
78) Terphenyl-d14	20.00	244	1600122	77.15	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	63147	34.678	ng	#	75
3) Pyridine	3.92	79	184100	38.727	ng	#	75
4) n-Nitrosodimethylamine	3.84	42	73009	35.768	ng	#	65
6) Aniline	7.36	93	265862	38.426	ng		96
8) 2-Chlorophenol	7.60	128	152612	41.941	ng		92
9) Benzaldehyde	7.17	77	123018	37.560	ng		96
10) Phenol	7.23	94	217065	40.250	ng		98
11) bis(2-Chloroethyl)ether	7.45	93	170515	40.374	ng		89
12) 1,3-Dichlorobenzene	7.92	146	180478	41.072	ng		97
13) 1,4-Dichlorobenzene	8.06	146	187333	41.959	ng		99
14) 1,2-Dichlorobenzene	8.38	146	177659	41.422	ng		99
15) Benzyl Alcohol	8.27	79	183365	37.828	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.55	45	155534m	43.926	ng		
17) 2-Methylphenol	8.48	107	146415	39.932	ng	#	87
18) Hexachloroethane	9.11	117	69914	40.956	ng		94
19) n-Nitroso-di-n-propylamine	8.83	70	164712	36.643	ng		88
20) 3+4-Methylphenols	8.80	107	206032	40.504	ng		89
22) Acetophenone	8.85	105	288865	39.324	ng	#	90
24) Nitrobenzene	9.23	77	223751	39.345	ng	#	93
25) Isophorone	9.76	82	400331	38.138	ng		97
26) 2-Nitrophenol	9.94	139	92998	46.046	ng	#	88
27) 2,4-Dimethylphenol	10.00	122	146904	42.970	ng		96
28) bis(2-Chloroethoxy)methane	10.24	93	229542	39.685	ng		97
29) 2,4-Dichlorophenol	10.48	162	173452	44.445	ng		90
30) 1,2,4-Trichlorobenzene	10.70	180	207741	43.411	ng		98
31) Naphthalene	10.88	128	496252	40.329	ng		99
32) Benzoic acid	10.18	122	89706	38.977	ng		89
33) 4-Chloroaniline	10.99	127	215689	40.217	ng	#	93
34) Hexachlorobutadiene	11.17	225	161067	43.163	ng		98
35) Caprolactam	11.78	113	60483	36.115	ng	#	69
36) 4-Chloro-3-methylphenol	12.12	107	211425	40.417	ng		96
37) 2-Methylnaphthalene	12.48	142	372986	40.686	ng		92
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	260099	42.282	ng		98
40) Hexachlorocyclopentadiene	12.83	237	138925	43.063	ng		95

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	160861	44.716	ng		96
43) 2,4,5-Trichlorophenol	13.17	196	173464	43.103	ng		96
45) 1,1'-Biphenyl	13.49	154	523117	41.399	ng		98
46) 2-Chloronaphthalene	13.53	162	408111	41.522	ng		98
47) 2-Nitroaniline	13.74	65	136720	39.346	ng		90
48) Acenaphthylene	14.38	152	665131	40.398	ng		97
49) Dimethylphthalate	14.11	163	562858	39.417	ng		99
50) 2,6-Dinitrotoluene	14.23	165	128284	44.116	ng		90
51) Acenaphthene	14.72	154	412917	40.260	ng		98
52) 3-Nitroaniline	14.56	138	121950	41.032	ng	#	94
53) 2,4-Dinitrophenol	14.77	184	56573	41.302	ng	#	64
54) Dibenzofuran	15.05	168	654905	40.151	ng		93
55) 4-Nitrophenol	14.88	139	85567	40.427	ng		88
56) 2,4-Dinitrotoluene	15.02	165	181411	43.486	ng	#	84
57) Fluorene	15.70	166	545013	39.866	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.28	232	163976	42.496	ng		94
59) Diethylphthalate	15.47	149	566335	38.570	ng		97
60) 4-Chlorophenyl-phenylether	15.69	204	327599	40.771	ng		97
61) 4-Nitroaniline	15.72	138	124241	39.963	ng	#	81
62) Azobenzene	15.98	77	536853	37.067	ng		95
64) 4,6-Dinitro-2-methylphenol	15.78	198	96232	41.488	ng		80
65) n-Nitrosodiphenylamine	15.91	169	505611	42.631	ng		98
66) 4-Bromophenyl-phenylether	16.58	248	212666	43.992	ng		95
67) Hexachlorobenzene	16.71	284	216515	43.492	ng		93
68) Atrazine	16.85	200	196382	40.216	ng		93
69) Pentachlorophenol	17.05	266	175042	57.726	ng		97
70) Phenanthrene	17.44	178	845389	40.660	ng		98
71) Anthracene	17.53	178	849135	41.015	ng		98
72) Carbazole	17.80	167	796363	40.505	ng		99
73) Di-n-butylphthalate	18.35	149	934202	40.208	ng	#	98
74) Fluoranthene	19.44	202	1113361	39.754	ng		96
76) Benzidine	19.63	184	402264	33.466	ng		97
77) Pyrene	19.81	202	1130260	39.096	ng		95
79) Butylbenzylphthalate	20.69	149	443860	42.934	ng		96
80) Benzo(a)anthracene	21.64	228	1133509	39.784	ng		98
81) 3,3'-Dichlorobenzidine	21.56	252	438538	44.143	ng	#	99
82) Chrysene	21.71	228	1051035	39.808	ng		98
83) Bis(2-ethylhexyl)phthalate	21.54	149	617794	43.956	ng		100
84) Di-n-octyl phthalate	22.74	149	1053274	44.757	ng	#	93
85) Indeno(1,2,3-cd)pyrene	28.51	276	1264121	43.245	ng	#	75
87) Benzo(b)fluoranthene	23.85	252	1108163	40.091	ng	#	97
88) Benzo(k)fluoranthene	23.91	252	1104183	40.861	ng	#	98
89) Benzo(a)pyrene	24.71	252	1052139	40.915	ng	#	96
90) Dibenzo(a,h)anthracene	28.57	278	1063652	42.132	ng	#	95
91) Benzo(g,h,i)perylene	29.65	276	1028241	41.623	ng	#	94

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

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