Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071818\
Data File : BG035719.D
Acq On : 18 Jul 2018 16:18
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
7/19/2018 3:45:18 PM

Quant Time: Jul 18 17:44:14 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	8.04	152	40536	20.00	ng		-0.02
21) Naphthalene-d8	10.84	136	157150	20.00	ng		-0.02
38) Acenaphthene-d10	14.66	164	106851	20.00	ng		-0.02
63) Phenanthrene-d10	17.40	188	289595	20.00	ng		-0.02
75) Chrysene-d12	21.67	240	343803	20.00	ng		-0.01
86) Perylene-d12	24.88	264	338760	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	194728	79.75	ng		-0.01
7) Phenol-d6	7.21	99	275231	75.55	ng		-0.01
23) Nitrobenzene-d5	9.20	82	290037	77.10	ng		-0.02
41) 2,4,6-Tribromophenol	16.15	330	113545	80.62	ng		-0.01
44) 2-Fluorobiphenyl	13.29	172	651473	81.68	ng		-0.02
78) Terphenyl-d14	20.01	244	1185257	75.99	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	45927	36.958	ng	#	73
3) Pyridine	3.93	79	124420	38.352	ng	#	70
4) n-Nitrosodimethylamine	3.85	42	47129	33.834	ng	#	72
6) Aniline	7.36	93	172150	36.460	ng		99
8) 2-Chlorophenol	7.61	128	97603	39.305	ng		98
9) Benzaldehyde	7.18	77	81041	36.257	ng		97
10) Phenol	7.24	94	146352	39.766	ng		97
11) bis(2-Chloroethyl)ether	7.46	93	109916	38.136	ng		87
12) 1,3-Dichlorobenzene	7.93	146	118936	39.662	ng		96
13) 1,4-Dichlorobenzene	8.08	146	121260	39.799	ng		96
14) 1,2-Dichlorobenzene	8.39	146	114773	39.212	ng		95
15) Benzyl Alcohol	8.28	79	123213	37.247	ng		89
16) 2,2'-oxybis(1-Chloropropan	8.57	45	81951	33.915	ng		81
17) 2-Methylphenol	8.48	107	96814	38.691	ng	#	93
18) Hexachloroethane	9.12	117	43078	36.978	ng		87
19) n-Nitroso-di-n-propylamine	8.84	70	106119	34.594	ng	#	81
20) 3+4-Methylphenols	8.81	107	133353	38.416	ng		96
22) Acetophenone	8.86	105	190811	39.045	ng	#	93
24) Nitrobenzene	9.24	77	141954	37.522	ng		94
25) Isophorone	9.76	82	254128	36.391	ng		98
26) 2-Nitrophenol	9.95	139	57109	42.503	ng	#	93
27) 2,4-Dimethylphenol	10.01	122	90569	39.821	ng		91
28) bis(2-Chloroethoxy)methane	10.24	93	149164	38.764	ng		92
29) 2,4-Dichlorophenol	10.50	162	107558	41.428	ng		92
30) 1,2,4-Trichlorobenzene	10.70	180	133381	41.897	ng		99
31) Naphthalene	10.89	128	324272	39.613	ng		97
32) Benzoic acid	10.16	122	52152	34.062	ng		94
33) 4-Chloroaniline	11.00	127	138167	38.725	ng	#	89
34) Hexachlorobutadiene	11.17	225	103099	41.530	ng		95
35) Caprolactam	11.77	113	40359	36.224	ng	#	71
36) 4-Chloro-3-methylphenol	12.12	107	134211	38.566	ng		99
37) 2-Methylnaphthalene	12.49	142	242652	39.787	ng		91
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	167688	41.580	ng		99
40) Hexachlorocyclopentadiene	12.84	237	83143	39.310	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	100808	42.743	ng		95
43) 2,4,5-Trichlorophenol	13.18	196	114919	43.556	ng		97
45) 1,1'-Biphenyl	13.50	154	337309	40.718	ng		96
46) 2-Chloronaphthalene	13.54	162	261653	40.606	ng		98
47) 2-Nitroaniline	13.74	65	90234	39.610	ng		91
48) Acenaphthylene	14.38	152	433985	40.206	ng		98
49) Dimethylphthalate	14.11	163	369984	39.521	ng		98
50) 2,6-Dinitrotoluene	14.24	165	80412	42.180	ng	#	90
51) Acenaphthene	14.73	154	266069	39.570	ng		97
52) 3-Nitroaniline	14.57	138	83428	42.817	ng	#	95
53) 2,4-Dinitrophenol	14.80	184	3340m	9.709	ng		
54) Dibenzofuran	15.06	168	425462	39.786	ng		94
55) 4-Nitrophenol	14.88	139	59477	42.862	ng		92
56) 2,4-Dinitrotoluene	15.02	165	119678	43.758	ng		85
57) Fluorene	15.71	166	363352	40.540	ng		95
58) 2,3,4,6-Tetrachlorophenol	15.29	232	98001	38.740	ng	#	95
59) Diethylphthalate	15.47	149	365968	38.018	ng		97
60) 4-Chlorophenyl-phenylether	15.70	204	212341	40.309	ng		96
61) 4-Nitroaniline	15.73	138	87145	42.756	ng	#	81
62) Azobenzene	15.99	77	355575	37.448	ng		94
64) 4,6-Dinitro-2-methylphenol	15.79	198	37540	23.287	ng		88
65) n-Nitrosodiphenylamine	15.91	169	333363	40.442	ng		97
66) 4-Bromophenyl-phenylether	16.59	248	135998	40.478	ng		96
67) Hexachlorobenzene	16.71	284	143181	41.382	ng		94
68) Atrazine	16.86	200	138077	40.684	ng		95
69) Pentachlorophenol	17.06	266	76025	36.075	ng		99
70) Phenanthrene	17.45	178	583192	40.359	ng		97
71) Anthracene	17.54	178	580178	40.322	ng		98
72) Carbazole	17.81	167	559302	40.931	ng		98
73) Di-n-butylphthalate	18.36	149	649778	40.240	ng	#	98
74) Fluoranthene	19.45	202	806906	41.456	ng		96
76) Benzidine	19.64	184	312271	34.548	ng		97
77) Pyrene	19.81	202	818155	37.635	ng		98
79) Butylbenzylphthalate	20.70	149	311381	40.054	ng	#	92
80) Benzo(a)anthracene	21.65	228	839724	39.194	ng		99
81) 3,3'-Dichlorobenzidine	21.57	252	306139	40.980	ng	#	99
82) Chrysene	21.72	228	780148	39.294	ng		98
83) Bis(2-ethylhexyl)phthalate	21.55	149	431148	40.795	ng		99
84) Di-n-octyl phthalate	22.76	149	738019	41.706	ng	#	93
85) Indeno(1,2,3-cd)pyrene	28.54	276	892107	40.585	ng	#	90
87) Benzo(b)fluoranthene	23.87	252	811395	39.408	ng	#	96
88) Benzo(k)fluoranthene	23.93	252	810336	40.256	ng	#	96
89) Benzo(a)pyrene	24.74	252	760200	39.687	ng	#	95
90) Dibenzo(a,h)anthracene	28.61	278	748145	39.783	ng		95
91) Benzo(g,h,i)perylene	29.69	276	735278	39.957	ng	#	95

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

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