Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071618\
Data File : BG035677.D
Acq On : 16 Jul 2018 19:54
Operator : JU/SJ
Sample : J3991-04MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-3-AMSD

Manual Integrations APPROVED
Sohil
7/17/2018 4:57:26 PM

Quant Time: Jul 17 05:55:55 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	8.05	152	47670	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	197907	20.00	ng		0.00
38) Acenaphthene-d10	14.68	164	146095	20.00	ng		0.00
63) Phenanthrene-d10	17.42	188	407160	20.00	ng		0.00
75) Chrysene-d12	21.69	240	403148	20.00	ng		0.00
86) Perylene-d12	24.91	264	391639	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	416188	144.95	ng		0.01
7) Phenol-d6	7.23	99	631281	147.36	ng		0.01
23) Nitrobenzene-d5	9.22	82	403664	85.21	ng		0.00
41) 2,4,6-Tribromophenol	16.17	330	282915	146.92	ng		0.00
44) 2-Fluorobiphenyl	13.31	172	881828	80.87	ng		0.00
78) Terphenyl-d14	20.03	244	1530175	83.67	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	43587	29.826	ng	#	77
3) Pyridine	3.94	79	129841	34.033	ng	#	75
4) n-Nitrosodimethylamine	3.86	42	59886	36.558	ng	#	83
6) Aniline	7.38	93	176235	31.739	ng		96
8) 2-Chlorophenol	7.63	128	138051	47.274	ng		94
9) Benzaldehyde	7.20	77	84923	32.308	ng		94
10) Phenol	7.26	94	218115	50.396	ng		95
11) bis(2-Chloroethyl)ether	7.48	93	135999	40.124	ng		94
12) 1,3-Dichlorobenzene	7.95	146	146772	41.620	ng		96
13) 1,4-Dichlorobenzene	8.09	146	153973	42.972	ng		96
14) 1,2-Dichlorobenzene	8.41	146	141807	41.198	ng		93
15) Benzyl Alcohol	8.29	79	167708	43.110	ng		89
16) 2,2'-oxybis(1-Chloropropan	8.59	45	162391	57.147	ng		75
17) 2-Methylphenol	8.51	107	145586	49.475	ng	#	91
18) Hexachloroethane	9.14	117	56343	41.127	ng		91
19) n-Nitroso-di-n-propylamine	8.86	70	136339	37.794	ng	#	86
20) 3+4-Methylphenols	8.83	107	199976	48.987	ng		91
22) Acetophenone	8.88	105	248107	40.314	ng	#	89
24) Nitrobenzene	9.26	77	203043	42.616	ng		99
25) Isophorone	9.78	82	392694	44.653	ng		99
26) 2-Nitrophenol	9.97	139	84280	49.808	ng	#	86
27) 2,4-Dimethylphenol	10.03	122	156174	54.525	ng		93
28) bis(2-Chloroethoxy)methane	10.26	93	203434	41.980	ng		98
29) 2,4-Dichlorophenol	10.52	162	173679	53.120	ng		95
30) 1,2,4-Trichlorobenzene	10.72	180	176764	44.089	ng		92
31) Naphthalene	10.91	128	432147	41.919	ng		97
32) Benzoic acid	10.13	122	16493	8.554	ng		92
33) 4-Chloroaniline	11.02	127	97657	21.734	ng		96
34) Hexachlorobutadiene	11.19	225	132029	42.231	ng		98
35) Caprolactam	11.80	113	60830m	43.354	ng		
36) 4-Chloro-3-methylphenol	12.15	107	222263	50.715	ng		92
37) 2-Methylnaphthalene	12.51	142	352306	45.870	ng		92
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	239052	43.353	ng		99
40) Hexachlorocyclopentadiene	12.85	237	263460	91.104	ng		91

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Quant Time: Jul 17 05:55:55 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)
42) 2,4,6-Trichlorophenol	13.12	196	159674	49.516	ng		98
43) 2,4,5-Trichlorophenol	13.20	196	179171	49.667	ng		96
45) 1,1'-Biphenyl	13.51	154	491851	43.424	ng		96
46) 2-Chloronaphthalene	13.56	162	384162	43.603	ng		99
47) 2-Nitroaniline	13.76	65	147208	47.262	ng		96
48) Acenaphthylene	14.40	152	643298	43.589	ng		99
49) Dimethylphthalate	14.13	163	683042	53.362	ng		99
50) 2,6-Dinitrotoluene	14.25	165	128276	49.212	ng		93
51) Acenaphthene	14.74	154	382777	41.636	ng		97
52) 3-Nitroaniline	14.59	138	85732	32.180	ng	#	88
53) 2,4-Dinitrophenol	14.82	184	11559	14.496	ng	#	55
54) Dibenzofuran	15.08	168	642075	43.914	ng		94
55) 4-Nitrophenol	14.90	139	180633	95.207	ng	#	86
56) 2,4-Dinitrotoluene	15.04	165	186069	49.758	ng	#	91
57) Fluorene	15.73	166	534102	43.584	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.30	232	170897	49.409	ng	#	92
59) Diethylphthalate	15.49	149	555445	42.201	ng		98
60) 4-Chlorophenyl-phenylether	15.71	204	308460	42.826	ng		96
61) 4-Nitroaniline	15.75	138	126982	45.566	ng	#	79
62) Azobenzene	16.01	77	578090	44.528	ng		95
64) 4,6-Dinitro-2-methylphenol	15.80	198	45478	20.065	ng		81
65) n-Nitrosodiphenylamine	15.93	169	485359	41.880	ng		98
66) 4-Bromophenyl-phenylether	16.61	248	212444	44.974	ng		94
67) Hexachlorobenzene	16.73	284	216444	44.494	ng		95
68) Atrazine	16.88	200	221909	46.506	ng		97
69) Pentachlorophenol	17.08	266	44303	14.952	ng		96
70) Phenanthrene	17.46	178	863028	42.479	ng		98
71) Anthracene	17.56	178	886119	43.803	ng		99
72) Carbazole	17.83	167	804081	41.853	ng		98
73) Di-n-butylphthalate	18.38	149	914567	40.284	ng	#	98
74) Fluoranthene	19.47	202	1103149	40.311	ng		96
76) Benzidine	19.65	184	508763	48.002	ng		98
77) Pyrene	19.83	202	1093829	42.910	ng		98
79) Butylbenzylphthalate	20.71	149	406822	44.628	ng		96
80) Benzo(a)anthracene	21.67	228	1083408	43.124	ng		99
81) 3,3'-Dichlorobenzidine	21.58	252	246636	28.155	ng	#	98
82) Chrysene	21.74	228	1020382	43.829	ng		98
83) Bis(2-ethylhexyl)phthalate	21.57	149	548289	44.242	ng		100
84) Di-n-octyl phthalate	22.77	149	925366	44.595	ng	#	94
85) Indeno(1,2,3-cd)pyrene	28.58	276	1164492	45.179	ng	#	87
87) Benzo(b)fluoranthene	23.89	252	1021827	42.927	ng	#	97
88) Benzo(k)fluoranthene	23.96	252	1007739	43.304	ng	#	97
89) Benzo(a)pyrene	24.76	252	991917	44.792	ng	#	95
90) Dibenzo(a,h)anthracene	28.65	278	957458	44.040	ng	#	95
91) Benzo(g,h,i)perylene	29.74	276	980157	46.072	ng	#	94

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

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