Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071718\
Data File : BG035684.D
Acq On : 17 Jul 2018 15:57
Operator : JU/SJ
Sample : J3819-02MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : AU-05-071318-AMSD

Manual Integrations APPROVED
Sohil
7/18/2018 3:27:50 PM

Quant Time: Jul 18 03:36:54 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	57068	20.00	ng		-0.02
21) Naphthalene-d8	10.85	136	205075	20.00	ng		-0.01
38) Acenaphthene-d10	14.67	164	145441	20.00	ng		-0.01
63) Phenanthrene-d10	17.41	188	373577	20.00	ng		-0.01
75) Chrysene-d12	21.68	240	422643	20.00	ng		-0.01
86) Perylene-d12	24.89	264	408603	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	445481	129.60	ng		0.00
7) Phenol-d6	7.22	99	603210	117.62	ng		0.00
23) Nitrobenzene-d5	9.20	82	456557	93.00	ng		-0.02
41) 2,4,6-Tribromophenol	16.15	330	294302	153.52	ng		-0.01
44) 2-Fluorobiphenyl	13.29	172	973795	89.70	ng		-0.02
78) Terphenyl-d14	20.01	244	1752690	91.41	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	56908	32.528	ng	#	77
3) Pyridine	3.95	79	140380	30.736	ng	#	77
4) n-Nitrosodimethylamine	3.85	42	67501	34.421	ng	#	71
6) Aniline	7.37	93	126183	18.983	ng		99
8) 2-Chlorophenol	7.61	128	160265	45.843	ng		98
9) Benzaldehyde	7.18	77	96783	30.757	ng		93
10) Phenol	7.24	94	207168	39.984	ng		95
11) bis(2-Chloroethyl)ether	7.47	93	173101	42.660	ng		89
12) 1,3-Dichlorobenzene	7.93	146	175435	41.555	ng		97
13) 1,4-Dichlorobenzene	8.08	146	178585	41.634	ng		98
14) 1,2-Dichlorobenzene	8.39	146	173712	42.156	ng		96
15) Benzyl Alcohol	8.28	79	195468	41.972	ng		90
16) 2,2'-oxybis(1-Chloropropan	8.56	45	187548	55.131	ng		76
17) 2-Methylphenol	8.49	107	159461	45.266	ng		94
18) Hexachloroethane	9.12	117	66642	40.633	ng		93
19) n-Nitroso-di-n-propylamine	8.85	70	160951	37.269	ng	#	83
20) 3+4-Methylphenols	8.82	107	220659	45.152	ng		93
22) Acetophenone	8.86	105	294028	46.106	ng	#	89
24) Nitrobenzene	9.25	77	230785	46.746	ng		95
25) Isophorone	9.77	82	460851	50.571	ng		99
26) 2-Nitrophenol	9.96	139	98342	56.087	ng	#	93
27) 2,4-Dimethylphenol	10.02	122	173967	58.614	ng		92
28) bis(2-Chloroethoxy)methane	10.25	93	240517	47.898	ng		99
29) 2,4-Dichlorophenol	10.50	162	193656	57.159	ng		95
30) 1,2,4-Trichlorobenzene	10.71	180	204046	49.115	ng		98
31) Naphthalene	10.90	128	503109	47.096	ng		97
32) Benzoic acid	10.14	122	41268	20.654	ng	#	79
33) 4-Chloroaniline	11.01	127	16546	3.554	ng	#	92
34) Hexachlorobutadiene	11.18	225	154893	47.813	ng		93
35) Caprolactam	11.78	113	52264m	35.947	ng		
36) 4-Chloro-3-methylphenol	12.13	107	238548	52.528	ng		91
37) 2-Methylnaphthalene	12.49	142	396831	49.862	ng		91
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	273311	49.789	ng		98
40) Hexachlorocyclopentadiene	12.84	237	343085	119.172	ng		92

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Quant Time: Jul 18 03:36:54 2018
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	13.10	196	178056	55.465	ng		99
43) 2,4,5-Trichlorophenol	13.19	196	193607	53.910	ng		97
45) 1,1'-Biphenyl	13.50	154	550926	48.859	ng		98
46) 2-Chloronaphthalene	13.55	162	432006	49.254	ng		99
47) 2-Nitroaniline	13.75	65	149328	48.158	ng		93
48) Acenaphthylene	14.39	152	713214	48.543	ng		98
49) Dimethylphthalate	14.12	163	602770	47.303	ng		99
50) 2,6-Dinitrotoluene	14.24	165	138541	53.390	ng		90
51) Acenaphthene	14.73	154	418165	45.689	ng		99
52) 3-Nitroaniline	14.57	138	38984	14.699	ng	#	94
53) 2,4-Dinitrophenol	14.78	184	10052	13.495	ng	#	59
54) Dibenzofuran	15.06	168	701774	48.213	ng		93
55) 4-Nitrophenol	14.90	139	178157	94.324	ng		87
56) 2,4-Dinitrotoluene	15.03	165	196449	52.770	ng		89
57) Fluorene	15.71	166	580225	47.560	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.29	232	178017	51.699	ng		94
59) Diethylphthalate	15.48	149	601340	45.894	ng		98
60) 4-Chlorophenyl-phenylether	15.70	204	339716	47.378	ng		98
61) 4-Nitroaniline	15.74	138	127095	45.812	ng	#	86
62) Azobenzene	16.00	77	596007	46.114	ng		95
64) 4,6-Dinitro-2-methylphenol	15.80	198	44123	21.217	ng		88
65) n-Nitrosodiphenylamine	15.92	169	523398	49.222	ng		98
66) 4-Bromophenyl-phenylether	16.59	248	225761	52.089	ng		97
67) Hexachlorobenzene	16.72	284	233326	52.276	ng		96
68) Atrazine	16.86	200	236765	54.080	ng		97
69) Pentachlorophenol	17.06	266	90595	33.324	ng		95
70) Phenanthrene	17.45	178	918965	49.298	ng		98
71) Anthracene	17.55	178	933831	50.311	ng		97
72) Carbazole	17.82	167	859601	48.766	ng		97
73) Di-n-butylphthalate	18.36	149	974936	46.803	ng	#	97
74) Fluoranthene	19.46	202	1196611	47.657	ng		96
76) Benzidine	19.64	184	201121	18.100	ng		98
77) Pyrene	19.82	202	1204101	45.057	ng		96
79) Butylbenzylphthalate	20.70	149	463345	48.484	ng		95
80) Benzo(a)anthracene	21.66	228	1237029	46.967	ng		98
81) 3,3'-Dichlorobenzidine	21.58	252	214365	23.342	ng	#	96
82) Chrysene	21.72	228	1151412	47.176	ng		96
83) Bis(2-ethylhexyl)phthalate	21.56	149	648508	49.915	ng		98
84) Di-n-octyl phthalate	22.76	149	1112060	51.120	ng	#	93
85) Indeno(1,2,3-cd)pyrene	28.55	276	1352872	50.066	ng	#	88
87) Benzo(b)fluoranthene	23.87	252	1196849	48.193	ng	#	97
88) Benzo(k)fluoranthene	23.94	252	1186163	48.855	ng	#	98
89) Benzo(a)pyrene	24.74	252	1167920	50.550	ng	#	97
90) Dibenzo(a,h)anthracene	28.63	278	1111146	48.987	ng		97
91) Benzo(g,h,i)perylene	29.69	276	1131113	50.960	ng	#	94

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

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