Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080718\
Data File : BG036168.D
Acq On : 7 Aug 2018 19:03
Operator : JU/SJ
Sample : PB111837BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB111837BS

Manual Integrations APPROVED
Sohil
8/8/2018 5:34:34 PM

Quant Time: Aug 08 01:57:49 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 31 12:30:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	24105	20.00	ng		-0.01
21) Naphthalene-d8	10.81	136	93003	20.00	ng		-0.02
38) Acenaphthene-d10	14.63	164	68165	20.00	ng		-0.02
63) Phenanthrene-d10	17.38	188	194589	20.00	ng		-0.01
75) Chrysene-d12	21.64	240	222475	20.00	ng		-0.02
86) Perylene-d12	24.82	264	214076	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	200598	138.16	ng		0.00
7) Phenol-d6	7.18	99	282872	130.58	ng		-0.01
23) Nitrobenzene-d5	9.17	82	184827	83.02	ng		-0.02
41) 2,4,6-Tribromophenol	16.12	330	145862	162.35	ng		-0.02
44) 2-Fluorobiphenyl	13.26	172	433823	85.27	ng		-0.02
78) Terphenyl-d14	19.98	244	970120	96.12	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	27173	36.771	ng	#	75
3) Pyridine	3.90	79	73392	38.044	ng	#	70
4) n-Nitrosodimethylamine	3.82	42	31954	38.576	ng	#	94
6) Aniline	7.34	93	86560	30.829	ng		93
8) 2-Chlorophenol	7.58	128	66879	45.291	ng		91
9) Benzaldehyde	7.15	77	37974	28.570	ng		93
10) Phenol	7.21	94	94415	43.141	ng		92
11) bis(2-Chloroethyl)ether	7.43	93	65784	38.382	ng		89
12) 1,3-Dichlorobenzene	7.89	146	77771	43.613	ng		97
13) 1,4-Dichlorobenzene	8.04	146	79828	44.059	ng		94
14) 1,2-Dichlorobenzene	8.36	146	74963	43.068	ng		99
15) Benzyl Alcohol	8.25	79	73244	37.234	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.53	45	71713	49.907	ng		78
17) 2-Methylphenol	8.46	107	61801	41.533	ng	#	89
18) Hexachloroethane	9.09	117	29758	42.956	ng		88
19) n-Nitroso-di-n-propylamine	8.81	70	61401	33.660	ng	#	83
20) 3+4-Methylphenols	8.79	107	82862	40.142	ng		85
22) Acetophenone	8.83	105	112892	39.034	ng	#	91
24) Nitrobenzene	9.22	77	93040	41.555	ng	#	90
25) Isophorone	9.73	82	167502	40.530	ng	#	98
26) 2-Nitrophenol	9.92	139	37632	47.325	ng	#	88
27) 2,4-Dimethylphenol	9.99	122	67459	50.118	ng		98
28) bis(2-Chloroethoxy)methane	10.21	93	89024	39.093	ng		98
29) 2,4-Dichlorophenol	10.47	162	72251	47.024	ng		94
30) 1,2,4-Trichlorobenzene	10.67	180	85397	45.326	ng		96
31) Naphthalene	10.86	128	204180	42.146	ng		97
32) Benzoic acid	10.15	122	20216m	22.311	ng		
33) 4-Chloroaniline	10.98	127	54627	25.871	ng	#	93
34) Hexachlorobutadiene	11.14	225	69213	47.110	ng		98
35) Caprolactam	11.75	113	25532m	38.722	ng		
36) 4-Chloro-3-methylphenol	12.10	107	89645	43.527	ng		99
37) 2-Methylnaphthalene	12.46	142	157937	43.758	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	12.83	216	111310	43.265	ng		98
40) Hexachlorocyclopentadiene	12.81	237	140368	104.032	ng		89

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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	13.08	196	70193	46.653	ng		94
43) 2,4,5-Trichlorophenol	13.16	196	79112	47.002	ng		94
45) 1,1'-Biphenyl	13.47	154	219409	41.517	ng		97
46) 2-Chloronaphthalene	13.51	162	173879	42.299	ng		100
47) 2-Nitroaniline	13.72	65	60798	41.835	ng	#	83
48) Acenaphthylene	14.36	152	292847	42.528	ng		99
49) Dimethylphthalate	14.09	163	242657	40.631	ng		99
50) 2,6-Dinitrotoluene	14.21	165	58341	47.971	ng		93
51) Acenaphthene	14.70	154	166755	38.875	ng		96
52) 3-Nitroaniline	14.54	138	38227	30.753	ng	#	80
53) 2,4-Dinitrophenol	14.76	184	46565	74.912	ng	#	68
54) Dibenzofuran	15.03	168	290683	42.610	ng		93
55) 4-Nitrophenol	14.86	139	66855	75.523	ng	#	84
56) 2,4-Dinitrotoluene	15.00	165	83616	47.924	ng		90
57) Fluorene	15.68	166	244908	42.833	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.26	232	82890	51.363	ng		92
59) Diethylphthalate	15.45	149	249240	40.586	ng		99
60) 4-Chlorophenyl-phenylether	15.67	204	144478	42.992	ng		96
61) 4-Nitroaniline	15.71	138	52543	40.410	ng	#	79
62) Azobenzene	15.97	77	250676	41.383	ng		94
64) 4,6-Dinitro-2-methylphenol	15.76	198	50571	46.686	ng		84
65) n-Nitrosodiphenylamine	15.89	169	228926	41.332	ng		96
66) 4-Bromophenyl-phenylether	16.56	248	98145	43.474	ng		95
67) Hexachlorobenzene	16.69	284	101500	43.658	ng		95
68) Atrazine	16.83	200	105426	46.230	ng		97
69) Pentachlorophenol	17.03	266	96794	68.354	ng		96
70) Phenanthrene	17.42	178	421986	43.460	ng		99
71) Anthracene	17.51	178	427503	44.218	ng		96
72) Carbazole	17.79	167	389800	42.454	ng		99
73) Di-n-butylphthalate	18.33	149	449599	41.437	ng	#	98
74) Fluoranthene	19.43	202	584985	44.728	ng		96
76) Benzidine	19.61	184	215084	36.773	ng		98
77) Pyrene	19.79	202	576131	40.955	ng		98
79) Butylbenzylphthalate	20.67	149	211461	42.035	ng	#	95
80) Benzo(a)anthracene	21.62	228	588438	42.443	ng		99
81) 3,3'-Dichlorobenzidine	21.54	252	154510	31.962	ng	#	95
82) Chrysene	21.69	228	550432	42.844	ng		96
83) Bis(2-ethylhexyl)phthalate	21.52	149	292251	42.733	ng	#	97
84) Di-n-octyl phthalate	22.72	149	495124	43.238	ng	#	92
85) Indeno(1,2,3-cd)pyrene	28.45	276	611533	42.993	ng	#	87
87) Benzo(b)fluoranthene	23.81	252	560978	43.114	ng	#	96
88) Benzo(k)fluoranthene	23.88	252	533067	41.906	ng	#	97
89) Benzo(a)pyrene	24.68	252	537149	44.375	ng	#	94
90) Dibenzo(a,h)anthracene	28.51	278	498142	41.917	ng	#	95
91) Benzo(g,h,i)perylene	29.58	276	513941	44.195	ng	#	92

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

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