Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080918\
Data File : BG036250.D
Acq On : 10 Aug 2018 2:09
Operator : JU/SJ
Sample : PB111863BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB111863BS

Manual Integrations APPROVED
Sohil
8/10/2018 4:01:53 PM

Quant Time: Aug 10 06:51:56 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	30091	20.00	ng		-0.02
21) Naphthalene-d8	10.81	136	122158	20.00	ng		-0.02
38) Acenaphthene-d10	14.63	164	90701	20.00	ng		-0.02
63) Phenanthrene-d10	17.38	188	242542	20.00	ng		-0.02
75) Chrysene-d12	21.64	240	259560	20.00	ng		-0.02
86) Perylene-d12	24.83	264	239201	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	254472	140.40	ng		0.00
7) Phenol-d6	7.19	99	371552	137.40	ng		0.00
23) Nitrobenzene-d5	9.17	82	245989	84.12	ng		-0.02
41) 2,4,6-Tribromophenol	16.13	330	186427	155.94	ng		-0.02
44) 2-Fluorobiphenyl	13.25	172	572039	84.50	ng		-0.02
78) Terphenyl-d14	19.99	244	1094052	92.91	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	26678	28.920	ng	#	72
3) Pyridine	3.90	79	75400	31.309	ng	#	69
4) n-Nitrosodimethylamine	3.82	42	38151	36.895	ng	#	85
6) Aniline	7.34	93	114923	32.788	ng		98
8) 2-Chlorophenol	7.58	128	85429	46.344	ng		95
9) Benzaldehyde	7.15	77	44563	26.858	ng		91
10) Phenol	7.22	94	125236	45.840	ng		93
11) bis(2-Chloroethyl)ether	7.43	93	81983	38.318	ng		90
12) 1,3-Dichlorobenzene	7.90	146	93679	42.083	ng		93
13) 1,4-Dichlorobenzene	8.04	146	97405	43.066	ng		99
14) 1,2-Dichlorobenzene	8.36	146	93399	42.986	ng		94
15) Benzyl Alcohol	8.25	79	99034	40.329	ng		86
16) 2,2'-oxybis(1-Chloropropan	8.53	45	87301	48.670	ng		71
17) 2-Methylphenol	8.46	107	82186	44.246	ng	#	89
18) Hexachloroethane	9.08	117	36158	41.811	ng		94
19) n-Nitroso-di-n-propylamine	8.81	70	81356	35.727	ng	#	86
20) 3+4-Methylphenols	8.79	107	114873	44.579	ng		91
22) Acetophenone	8.84	105	145760	38.370	ng	#	90
24) Nitrobenzene	9.22	77	120569	40.998	ng		93
25) Isophorone	9.73	82	231316	42.613	ng		98
26) 2-Nitrophenol	9.93	139	51835	49.629	ng	#	90
27) 2,4-Dimethylphenol	9.99	122	89059	50.374	ng	#	83
28) bis(2-Chloroethoxy)methane	10.21	93	115839	38.727	ng		97
29) 2,4-Dichlorophenol	10.47	162	103192	51.132	ng		91
30) 1,2,4-Trichlorobenzene	10.67	180	107555	43.462	ng		97
31) Naphthalene	10.86	128	265231	41.681	ng		98
32) Benzoic acid	10.17	122	35154m	29.537	ng		
33) 4-Chloroaniline	10.97	127	64031	23.087	ng	#	93
34) Hexachlorobutadiene	11.14	225	86884	45.024	ng		99
35) Caprolactam	11.77	113	34088m	39.360	ng		
36) 4-Chloro-3-methylphenol	12.10	107	122731	45.369	ng		97
37) 2-Methylnaphthalene	12.46	142	210098	44.317	ng	#	87
39) 1,2,4,5-Tetrachlorobenzene	12.83	216	149479	43.664	ng		99
40) Hexachlorocyclopentadiene	12.81	237	172289	95.963	ng		96

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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	13.08	196	96733	48.318	ng		93
43) 2,4,5-Trichlorophenol	13.16	196	105818	47.248	ng		95
45) 1,1'-Biphenyl	13.47	154	290619	41.328	ng		98
46) 2-Chloronaphthalene	13.51	162	230422	42.126	ng		99
47) 2-Nitroaniline	13.72	65	81416	42.103	ng		96
48) Acenaphthylene	14.36	152	383689	41.876	ng		97
49) Dimethylphthalate	14.09	163	325661	40.980	ng		97
50) 2,6-Dinitrotoluene	14.21	165	76333	47.170	ng		92
51) Acenaphthene	14.70	154	222924	39.057	ng		97
52) 3-Nitroaniline	14.55	138	53185	32.156	ng	#	95
53) 2,4-Dinitrophenol	14.76	184	64734	77.971	ng	#	75
54) Dibenzofuran	15.03	168	385438	42.461	ng		93
55) 4-Nitrophenol	14.87	139	75396	64.009	ng	#	83
56) 2,4-Dinitrotoluene	15.00	165	108967	46.936	ng		90
57) Fluorene	15.68	166	321668	42.280	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.26	232	107082	49.867	ng		93
59) Diethylphthalate	15.45	149	323962	39.646	ng		96
60) 4-Chlorophenyl-phenylether	15.67	204	189637	42.409	ng		94
61) 4-Nitroaniline	15.71	138	66938	38.690	ng	#	77
62) Azobenzene	15.96	77	327299	40.607	ng		98
64) 4,6-Dinitro-2-methylphenol	15.77	198	61520	45.566	ng		85
65) n-Nitrosodiphenylamine	15.89	169	282267	40.887	ng		97
66) 4-Bromophenyl-phenylether	16.57	248	128145	45.540	ng		98
67) Hexachlorobenzene	16.68	284	135094	46.620	ng		95
68) Atrazine	16.84	200	128690	45.275	ng		97
69) Pentachlorophenol	17.04	266	117287	66.451	ng		96
70) Phenanthrene	17.42	178	511954	42.302	ng		98
71) Anthracene	17.51	178	524685	43.540	ng		98
72) Carbazole	17.78	167	456715	39.907	ng		99
73) Di-n-butylphthalate	18.33	149	557135	41.196	ng	#	97
74) Fluoranthene	19.43	202	674156	41.355	ng		96
76) Benzidine	19.62	184	214547	31.441	ng		99
77) Pyrene	19.79	202	676586	41.224	ng		99
79) Butylbenzylphthalate	20.67	149	245885	41.895	ng		98
80) Benzo(a)anthracene	21.62	228	673461	41.636	ng		99
81) 3,3'-Dichlorobenzidine	21.54	252	182166	32.299	ng	#	99
82) Chrysene	21.69	228	632577	42.203	ng		96
83) Bis(2-ethylhexyl)phthalate	21.52	149	344671	43.197	ng	#	99
84) Di-n-octyl phthalate	22.71	149	578922	43.333	ng	#	92
85) Indeno(1,2,3-cd)pyrene	28.46	276	697830	42.051	ng	#	85
87) Benzo(b)fluoranthene	23.82	252	646347	44.457	ng	#	96
88) Benzo(k)fluoranthene	23.89	252	616495	43.374	ng	#	96
89) Benzo(a)pyrene	24.68	252	618691	45.742	ng	#	97
90) Dibenzo(a,h)anthracene	28.52	278	561372	42.276	ng	#	96
91) Benzo(g,h,i)perylene	29.60	276	586647	45.148	ng	#	93

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

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