Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100118\
Data File : BG037091.D
Acq On : 2 Oct 2018 00:47
Operator : JU/SJ
Sample : PB113379BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB113379BS

Manual Integrations APPROVED
Sohil
10/2/2018 5:21:56 PM

Quant Time: Oct 02 16:47:16 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 24 10:41:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	43004	20.00	ng		0.00
21) Naphthalene-d8	10.84	136	185383	20.00	ng		-0.01
38) Acenaphthene-d10	14.67	164	118707	20.00	ng		0.00
63) Phenanthrene-d10	17.41	188	311523	20.00	ng		0.00
75) Chrysene-d12	21.68	240	324027	20.00	ng		-0.01
86) Perylene-d12	24.88	264	335305	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	250121	111.54	ng		0.00
7) Phenol-d6	7.20	99	347327	100.11	ng		-0.01
23) Nitrobenzene-d5	9.20	82	224047	64.72	ng		0.00
41) 2,4,6-Tribromophenol	16.15	330	143989	101.38	ng		-0.01
44) 2-Fluorobiphenyl	13.28	172	498596	62.56	ng		-0.01
78) Terphenyl-d14	20.01	244	921577	74.79	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	35986	35.071	ng		98
3) Pyridine	3.91	79	92722	31.296	ng		98
4) n-Nitrosodimethylamine	3.83	42	51627	39.207	ng	#	92
6) Aniline	7.36	93	76255	16.939	ng		97
8) 2-Chlorophenol	7.60	128	98234	37.729	ng		96
9) Benzaldehyde	7.18	77	49599	21.635	ng		96
10) Phenol	7.23	94	132127	36.901	ng		96
11) bis(2-Chloroethyl)ether	7.46	93	95193	28.741	ng		97
12) 1,3-Dichlorobenzene	7.93	146	104217	32.649	ng		99
13) 1,4-Dichlorobenzene	8.07	146	102796	31.468	ng		98
14) 1,2-Dichlorobenzene	8.39	146	101976	32.214	ng		98
15) Benzyl Alcohol	8.28	79	85513	30.377	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.56	45	204655	32.185	ng		98
17) 2-Methylphenol	8.48	107	85326	34.211	ng		96
18) Hexachloroethane	9.12	117	41644	34.642	ng		97
19) n-Nitroso-di-n-propylamine	8.84	70	82858	28.709	ng		96
20) 3+4-Methylphenols	8.81	107	118076	34.031	ng		97
22) Acetophenone	8.86	105	149632	34.347	ng	#	98
24) Nitrobenzene	9.24	77	123815	33.492	ng		98
25) Isophorone	9.76	82	229346	36.258	ng		98
26) 2-Nitrophenol	9.95	139	51481	34.937	ng		98
27) 2,4-Dimethylphenol	10.01	122	92729	40.398	ng		97
28) bis(2-Chloroethoxy)methane	10.24	93	134601	34.485	ng		99
29) 2,4-Dichlorophenol	10.49	162	100113	37.624	ng		90
30) 1,2,4-Trichlorobenzene	10.71	180	106901	32.103	ng		97
31) Naphthalene	10.89	128	319295	36.198	ng		99
32) Benzoic acid	10.14	122	27509m	19.565	ng		
33) 4-Chloroaniline	11.01	127	48108	11.996	ng		98
34) Hexachlorobutadiene	11.18	225	71977	31.256	ng		97
35) Caprolactam	11.77	113	38504	35.158	ng		98
36) 4-Chloro-3-methylphenol	12.12	107	115833	36.484	ng		98
37) 2-Methylnaphthalene	12.49	142	238387	35.485	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	134256	32.427	ng		99
40) Hexachlorocyclopentadiene	12.84	237	155295	72.930	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 24 10:41:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	80767	35.130	ng		97
43) 2,4,5-Trichlorophenol	13.17	196	92670	37.800	ng		95
45) 1,1'-Biphenyl	13.50	154	315008	34.649	ng		96
46) 2-Chloronaphthalene	13.54	162	240892	33.693	ng		98
47) 2-Nitroaniline	13.75	65	89917	36.361	ng		98
48) Acenaphthylene	14.39	152	419560	37.449	ng		98
49) Dimethylphthalate	14.12	163	331323	34.675	ng		98
50) 2,6-Dinitrotoluene	14.24	165	73639	35.323	ng		94
51) Acenaphthene	14.73	154	237161	35.026	ng		99
52) 3-Nitroaniline	14.57	138	45808	20.852	ng	#	99
53) 2,4-Dinitrophenol	14.79	184	19725	25.908	ng	#	86
54) Dibenzofuran	15.06	168	402534	35.146	ng		99
55) 4-Nitrophenol	14.88	139	105446	75.135	ng		97
56) 2,4-Dinitrotoluene	15.02	165	106769	36.703	ng		94
57) Fluorene	15.71	166	326704	38.165	ng		95
58) 2,3,4,6-Tetrachlorophenol	15.29	232	91389	36.747	ng		98
59) Diethylphthalate	15.48	149	344127	35.708	ng		99
60) 4-Chlorophenyl-phenylether	15.70	204	178711	32.965	ng		99
61) 4-Nitroaniline	15.74	138	83125	35.973	ng		92
62) Azobenzene	15.99	77	350456	37.846	ng		99
64) 4,6-Dinitro-2-methylphenol	15.79	198	37466	23.004	ng		96
65) n-Nitrosodiphenylamine	15.92	169	298164	34.669	ng		99
66) 4-Bromophenyl-phenylether	16.60	248	115700	32.652	ng		98
67) Hexachlorobenzene	16.72	284	118751	32.539	ng		96
68) Atrazine	16.86	200	127983	36.752	ng		98
69) Pentachlorophenol	17.06	266	124671m	54.259	ng		
70) Phenanthrene	17.45	178	571675	38.081	ng		99
71) Anthracene	17.54	178	589987	39.745	ng		99
72) Carbazole	17.81	167	522802	36.122	ng		98
73) Di-n-butylphthalate	18.36	149	619275	38.529	ng		100
74) Fluoranthene	19.46	202	710209	39.302	ng		99
76) Benzidine	19.64	184	204287	20.856	ng		98
77) Pyrene	19.82	202	704576	36.236	ng		100
79) Butylbenzylphthalate	20.70	149	289066	37.297	ng		96
80) Benzo(a)anthracene	21.66	228	697081	36.853	ng		100
81) 3,3'-Dichlorobenzidine	21.58	252	145194	20.166	ng		100
82) Chrysene	21.72	228	659890	36.108	ng		99
83) Bis(2-ethylhexyl)phthalate	21.56	149	397644	36.727	ng		98
84) Di-n-octyl phthalate	22.76	149	669715	37.569	ng		98
85) Indeno(1,2,3-cd)pyrene	28.52	276	768809	39.175	ng	#	93
87) Benzo(b)fluoranthene	23.86	252	676723	37.871	ng		97
88) Benzo(k)fluoranthene	23.93	252	675571	37.683	ng		99
89) Benzo(a)pyrene	24.73	252	672448	38.925	ng		99
90) Dibenzo(a,h)anthracene	28.58	278	617914	38.164	ng		98
91) Benzo(g,h,i)perylene	29.66	276	618476	38.062	ng		97

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

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