Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100618\
Data File : BG037203.D
Acq On : 6 Oct 2018 00:15
Operator : JU/SJ
Sample : PB113566BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB113566BS

Manual Integrations APPROVED
Sohil
10/8/2018 1:56:19 PM

Quant Time: Oct 06 05:26:23 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	8.03	152	32442	20.00	ng		-0.02
21) Naphthalene-d8	10.84	136	141203	20.00	ng		-0.02
38) Acenaphthene-d10	14.66	164	96177	20.00	ng		-0.02
63) Phenanthrene-d10	17.40	188	260486	20.00	ng		-0.02
75) Chrysene-d12	21.67	240	266130	20.00	ng		-0.02
86) Perylene-d12	24.86	264	266658	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	209727	123.98	ng		-0.02
7) Phenol-d6	7.19	99	309498	118.25	ng		-0.02
23) Nitrobenzene-d5	9.19	82	193408	73.35	ng		-0.02
41) 2,4,6-Tribromophenol	16.15	330	137158	119.20	ng		-0.02
44) 2-Fluorobiphenyl	13.28	172	447041	69.23	ng		-0.02
78) Terphenyl-d14	20.01	244	845599	83.55	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	26685	34.474	ng		92
3) Pyridine	3.90	79	74311	33.248	ng		94
4) n-Nitrosodimethylamine	3.82	42	40975	41.248	ng	#	97
6) Aniline	7.35	93	75352	22.188	ng		100
8) 2-Chlorophenol	7.59	128	82639	42.073	ng		94
9) Benzaldehyde	7.17	77	48984	28.324	ng		97
10) Phenol	7.22	94	114301	42.316	ng		95
11) bis(2-Chloroethyl)ether	7.45	93	82353	32.960	ng		96
12) 1,3-Dichlorobenzene	7.92	146	80694	33.510	ng		96
13) 1,4-Dichlorobenzene	8.06	146	79823	32.391	ng		99
14) 1,2-Dichlorobenzene	8.38	146	81283	34.037	ng		97
15) Benzyl Alcohol	8.27	79	75767	35.677	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.55	45	166256	34.659	ng		97
17) 2-Methylphenol	8.47	107	74359	39.521	ng		97
18) Hexachloroethane	9.11	117	32550	35.893	ng		97
19) n-Nitroso-di-n-propylamine	8.83	70	70947	32.585	ng		98
20) 3+4-Methylphenols	8.80	107	106638	40.740	ng		98
22) Acetophenone	8.85	105	127761	38.503	ng	#	98
24) Nitrobenzene	9.23	77	106064	37.667	ng		98
25) Isophorone	9.75	82	205904	42.736	ng		99
26) 2-Nitrophenol	9.95	139	45278	40.341	ng		95
27) 2,4-Dimethylphenol	10.00	122	81111	46.393	ng		98
28) bis(2-Chloroethoxy)methane	10.24	93	109129	36.707	ng		100
29) 2,4-Dichlorophenol	10.48	162	88697	43.764	ng		94
30) 1,2,4-Trichlorobenzene	10.70	180	85928	33.879	ng		99
31) Naphthalene	10.88	128	261937	38.987	ng		99
32) Benzoic acid	10.13	122	27352m	23.763	ng		
33) 4-Chloroaniline	11.00	127	59690	19.540	ng		92
34) Hexachlorobutadiene	11.17	225	56883	32.431	ng		95
35) Caprolactam	11.77	113	37180	44.571	ng		88
36) 4-Chloro-3-methylphenol	12.11	107	105475	43.616	ng		99
37) 2-Methylnaphthalene	12.49	142	205635	40.187	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	115054	34.299	ng		99
40) Hexachlorocyclopentadiene	12.83	237	118933	68.938	ng		98

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.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	13.09	196	80397	43.160	ng		97
43) 2,4,5-Trichlorophenol	13.17	196	88074	44.341	ng		94
45) 1,1'-Biphenyl	13.49	154	275579	37.413	ng		96
46) 2-Chloronaphthalene	13.53	162	211738	36.553	ng		98
47) 2-Nitroaniline	13.74	65	85328	42.588	ng		93
48) Acenaphthylene	14.38	152	372314	41.017	ng		99
49) Dimethylphthalate	14.11	163	308161	39.806	ng		99
50) 2,6-Dinitrotoluene	14.23	165	66755	39.521	ng		96
51) Acenaphthene	14.72	154	211648	38.580	ng		99
52) 3-Nitroaniline	14.56	138	48489	27.243	ng	#	99
53) 2,4-Dinitrophenol	14.79	184	14994	24.780	ng	#	79
54) Dibenzofuran	15.06	168	354952	38.252	ng		100
55) 4-Nitrophenol	14.87	139	96537	84.901	ng		91
56) 2,4-Dinitrotoluene	15.02	165	97977	41.570	ng		96
57) Fluorene	15.70	166	293159	42.269	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.28	232	93583	46.444	ng		98
59) Diethylphthalate	15.47	149	317086	40.609	ng		97
60) 4-Chlorophenyl-phenylether	15.70	204	158333	36.048	ng		98
61) 4-Nitroaniline	15.73	138	74278	39.674	ng		97
62) Azobenzene	15.98	77	316471	42.182	ng		98
64) 4,6-Dinitro-2-methylphenol	15.78	198	31046	22.797	ng		93
65) n-Nitrosodiphenylamine	15.91	169	271896	37.809	ng		99
66) 4-Bromophenyl-phenylether	16.59	248	103489	34.928	ng		98
67) Hexachlorobenzene	16.71	284	105582	34.599	ng		99
68) Atrazine	16.85	200	115855	39.788	ng		98
69) Pentachlorophenol	17.05	266	106245	55.299	ng		100
70) Phenanthrene	17.45	178	513779	40.930	ng		98
71) Anthracene	17.53	178	527622	42.508	ng		100
72) Carbazole	17.81	167	468571	38.719	ng		97
73) Di-n-butylphthalate	18.36	149	561115	41.751	ng		98
74) Fluoranthene	19.45	202	630305	41.715	ng		99
76) Benzidine	19.63	184	247838	30.806	ng		97
77) Pyrene	19.81	202	627996	39.323	ng		99
79) Butylbenzylphthalate	20.70	149	258017	40.533	ng		98
80) Benzo(a)anthracene	21.65	228	619722	39.891	ng		98
81) 3,3'-Dichlorobenzidine	21.57	252	141714	23.965	ng		98
82) Chrysene	21.71	228	581253	38.724	ng		100
83) Bis(2-ethylhexyl)phthalate	21.55	149	358745	40.342	ng		98
84) Di-n-octyl phthalate	22.75	149	607937	41.522	ng		98
85) Indeno(1,2,3-cd)pyrene	28.50	276	667371	41.404	ng	#	93
87) Benzo(b)fluoranthene	23.85	252	587804	41.363	ng		98
88) Benzo(k)fluoranthene	23.91	252	583978	40.960	ng		99
89) Benzo(a)pyrene	24.71	252	585348	42.606	ng		100
90) Dibenzo(a,h)anthracene	28.55	278	541388	42.046	ng		98
91) Benzo(g,h,i)perylene	29.63	276	542936	42.015	ng		98

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

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