Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072318\
Data File : BG035823.D
Acq On : 23 Jul 2018 12:05
Operator : JU/SJ
Sample : PB111306BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB111306BSD

Manual Integrations APPROVED
Sohil
7/24/2018 3:05:45 PM

Quant Time: Jul 23 12:57:17 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 15:28:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	44638	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	160028	20.00	ng		0.00
38) Acenaphthene-d10	14.65	164	116160	20.00	ng		0.00
63) Phenanthrene-d10	17.39	188	331197	20.00	ng		0.00
75) Chrysene-d12	21.66	240	379319	20.00	ng		0.00
86) Perylene-d12	24.86	264	372633	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	349252	129.90	ng		0.00
7) Phenol-d6	7.20	99	511266	127.45	ng		0.00
23) Nitrobenzene-d5	9.19	82	327991	85.62	ng		0.00
41) 2,4,6-Tribromophenol	16.14	330	242794	158.58	ng		0.00
44) 2-Fluorobiphenyl	13.28	172	764239	88.14	ng		0.00
78) Terphenyl-d14	20.00	244	1544814	89.77	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	35400	25.869	ng	#	77
3) Pyridine	3.91	79	107823	30.182	ng	#	73
4) n-Nitrosodimethylamine	3.82	42	46218	30.131	ng	#	74
6) Aniline	7.36	93	93988	18.077	ng		98
8) 2-Chlorophenol	7.60	128	115109	42.095	ng		92
9) Benzaldehyde	7.17	77	56360	22.898	ng		98
10) Phenol	7.23	94	168403	41.553	ng		98
11) bis(2-Chloroethyl)ether	7.45	93	112696	35.507	ng		89
12) 1,3-Dichlorobenzene	7.91	146	124576	37.725	ng		96
13) 1,4-Dichlorobenzene	8.06	146	126497	37.702	ng		93
14) 1,2-Dichlorobenzene	8.38	146	124185	38.529	ng		95
15) Benzyl Alcohol	8.27	79	129624	35.584	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.55	45	128118	48.148	ng		76
17) 2-Methylphenol	8.47	107	111964	40.633	ng	#	89
18) Hexachloroethane	9.11	117	47004	36.640	ng		92
19) n-Nitroso-di-n-propylamine	8.83	70	107154	31.721	ng	#	84
20) 3+4-Methylphenols	8.80	107	153343	40.115	ng		92
22) Acetophenone	8.85	105	195978	39.381	ng	#	93
24) Nitrobenzene	9.23	77	155761	40.431	ng		97
25) Isophorone	9.75	82	297831	41.882	ng		98
26) 2-Nitrophenol	9.94	139	68081	49.758	ng	#	91
27) 2,4-Dimethylphenol	10.00	122	120202	51.900	ng		92
28) bis(2-Chloroethoxy)methane	10.23	93	159747	40.768	ng		96
29) 2,4-Dichlorophenol	10.48	162	132708	50.196	ng		94
30) 1,2,4-Trichlorobenzene	10.69	180	144690	44.631	ng		99
31) Naphthalene	10.88	128	353642	42.423	ng		99
32) Benzoic acid	10.16	122	60200	38.611	ng		87
33) 4-Chloroaniline	11.00	127	33376	9.186	ng		96
34) Hexachlorobutadiene	11.16	225	107499	42.524	ng		96
35) Caprolactam	11.77	113	48708m	42.932	ng		
36) 4-Chloro-3-methylphenol	12.11	107	165755	46.774	ng		91
37) 2-Methylnaphthalene	12.48	142	272643	43.901	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	190014	43.340	ng		99
40) Hexachlorocyclopentadiene	12.82	237	248906	108.253	ng		91

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 15:28:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	123074	48.002	ng		95
43) 2,4,5-Trichlorophenol	13.17	196	140177	48.872	ng		97
45) 1,1'-Biphenyl	13.49	154	383065	42.535	ng		99
46) 2-Chloronaphthalene	13.53	162	307470	43.892	ng		97
47) 2-Nitroaniline	13.73	65	109961	44.401	ng		99
48) Acenaphthylene	14.37	152	507967	43.289	ng		97
49) Dimethylphthalate	14.10	163	434281	42.671	ng		99
50) 2,6-Dinitrotoluene	14.23	165	102522	49.468	ng		92
51) Acenaphthene	14.72	154	303626	41.537	ng		97
52) 3-Nitroaniline	14.56	138	36558	17.259	ng	#	94
53) 2,4-Dinitrophenol	14.77	184	92536	86.265	ng	#	65
54) Dibenzofuran	15.05	168	505519	43.484	ng		95
55) 4-Nitrophenol	14.88	139	141485	93.791	ng	#	89
56) 2,4-Dinitrotoluene	15.02	165	149489	50.278	ng	#	87
57) Fluorene	15.70	166	424953	43.613	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.28	232	140881	51.228	ng		92
59) Diethylphthalate	15.47	149	439633	42.010	ng		97
60) 4-Chlorophenyl-phenylether	15.69	204	245755	42.913	ng		95
61) 4-Nitroaniline	15.73	138	100692	45.444	ng	#	84
62) Azobenzene	15.98	77	437241	42.358	ng		95
64) 4,6-Dinitro-2-methylphenol	15.78	198	77073	41.804	ng		86
65) n-Nitrosodiphenylamine	15.90	169	385949	40.940	ng		100
66) 4-Bromophenyl-phenylether	16.58	248	170483	44.368	ng		97
67) Hexachlorobenzene	16.70	284	172949	43.707	ng		97
68) Atrazine	16.85	200	187679	48.353	ng		93
69) Pentachlorophenol	17.05	266	168002	69.705	ng		97
70) Phenanthrene	17.44	178	720435	43.594	ng		99
71) Anthracene	17.53	178	734724	44.649	ng		98
72) Carbazole	17.80	167	697323	44.621	ng		98
73) Di-n-butylphthalate	18.35	149	801196	43.384	ng	#	98
74) Fluoranthene	19.44	202	990958	44.516	ng		97
76) Benzidine	19.63	184	265267	26.600	ng		96
77) Pyrene	19.80	202	997518	41.590	ng		98
79) Butylbenzylphthalate	20.68	149	381618	44.493	ng		99
80) Benzo(a)anthracene	21.64	228	1011798	42.804	ng		98
81) 3,3'-Dichlorobenzidine	21.55	252	199161	24.164	ng	#	95
82) Chrysene	21.71	228	959186	43.789	ng		99
83) Bis(2-ethylhexyl)phthalate	21.54	149	522425	44.803	ng	#	97
84) Di-n-octyl phthalate	22.74	149	899474	46.070	ng	#	93
85) Indeno(1,2,3-cd)pyrene	28.50	276	1085110	44.744	ng	#	87
87) Benzo(b)fluoranthene	23.84	252	1005367	44.390	ng	#	97
88) Benzo(k)fluoranthene	23.91	252	945054	42.681	ng	#	97
89) Benzo(a)pyrene	24.71	252	956808	45.410	ng	#	96
90) Dibenzo(a,h)anthracene	28.57	278	911708	44.074	ng	#	96
91) Benzo(g,h,i)perylene	29.64	276	906924	44.804	ng	#	94

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

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