Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073018\
Data File : BG035969.D
Acq On : 30 Jul 2018 10:31
Operator : JU/SJ
Sample : PB111535BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB111535BS

Manual Integrations APPROVED
Sohil
7/31/2018 12:20:41 PM

Quant Time: Jul 30 11:38:38 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 25 11:04:14 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	34054	20.00	ng		0.00
21) Naphthalene-d8	10.82	136	134405	20.00	ng		0.00
38) Acenaphthene-d10	14.65	164	98139	20.00	ng		0.00
63) Phenanthrene-d10	17.39	188	282857	20.00	ng		0.00
75) Chrysene-d12	21.66	240	303315	20.00	ng		0.00
86) Perylene-d12	24.85	264	290171	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	254430	124.04	ng		0.00
7) Phenol-d6	7.19	99	366616	119.80	ng		0.00
23) Nitrobenzene-d5	9.19	82	239381	74.40	ng		0.00
41) 2,4,6-Tribromophenol	16.14	330	171507	132.59	ng		0.00
44) 2-Fluorobiphenyl	13.27	172	570313	77.86	ng		0.00
78) Terphenyl-d14	20.00	244	1136035	82.56	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	28387	27.191	ng	#	75
3) Pyridine	3.91	79	80860	29.669	ng	#	70
4) n-Nitrosodimethylamine	3.83	42	35144m	30.032	ng		
6) Aniline	7.35	93	69650	17.559	ng		95
8) 2-Chlorophenol	7.59	128	82872	39.725	ng		93
9) Benzaldehyde	7.16	77	57315	30.523	ng		93
10) Phenol	7.22	94	124822	40.372	ng		96
11) bis(2-Chloroethyl)ether	7.44	93	84204	34.776	ng		92
12) 1,3-Dichlorobenzene	7.91	146	92295	36.637	ng		96
13) 1,4-Dichlorobenzene	8.06	146	94418	36.887	ng		95
14) 1,2-Dichlorobenzene	8.37	146	91655	37.274	ng		95
15) Benzyl Alcohol	8.26	79	94177	33.888	ng		88
16) 2,2'-oxybis(1-Chloropropan	8.54	45	93543	46.081	ng		80
17) 2-Methylphenol	8.47	107	84288	40.097	ng	#	91
18) Hexachloroethane	9.10	117	34929	35.690	ng		93
19) n-Nitroso-di-n-propylamine	8.82	70	77818	30.197	ng	#	83
20) 3+4-Methylphenols	8.80	107	108375	37.163	ng		85
22) Acetophenone	8.84	105	144229	34.508	ng	#	91
24) Nitrobenzene	9.23	77	119109	36.811	ng		92
25) Isophorone	9.74	82	222384	37.234	ng		97
26) 2-Nitrophenol	9.94	139	49447	43.029	ng	#	86
27) 2,4-Dimethylphenol	10.00	122	85553	43.981	ng		92
28) bis(2-Chloroethoxy)methane	10.22	93	117967	35.845	ng		94
29) 2,4-Dichlorophenol	10.48	162	96416	43.421	ng		90
30) 1,2,4-Trichlorobenzene	10.69	180	104017	38.202	ng		96
31) Naphthalene	10.88	128	257662	36.802	ng		98
32) Benzoic acid	10.17	122	18871	14.411	ng		94
33) 4-Chloroaniline	10.99	127	33756	11.062	ng		94
34) Hexachlorobutadiene	11.16	225	81585	38.426	ng		94
35) Caprolactam	11.76	113	32010m	33.593	ng		
36) 4-Chloro-3-methylphenol	12.11	107	117304	39.412	ng		97
37) 2-Methylnaphthalene	12.47	142	205222	39.344	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.84	216	139219	37.585	ng		99
40) Hexachlorocyclopentadiene	12.82	237	174484	89.820	ng		96

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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 : Wed Jul 25 11:04:14 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	89729	41.423 ng		94
43) 2,4,5-Trichlorophenol	13.16	196	100067	41.294 ng		97
45) 1,1'-Biphenyl	13.48	154	287484	37.784 ng		98
46) 2-Chloronaphthalene	13.53	162	228010	38.526 ng		99
47) 2-Nitroaniline	13.73	65	76805	36.708 ng		88
48) Acenaphthylene	14.37	152	380355	38.366 ng		98
49) Dimethylphthalate	14.10	163	315904	36.740 ng		99
50) 2,6-Dinitrotoluene	14.22	165	74492	42.543 ng	#	89
51) Acenaphthene	14.71	154	220353	35.681 ng		98
52) 3-Nitroaniline	14.55	138	30205	16.878 ng	#	95
53) 2,4-Dinitrophenol	14.77	184	50419	57.971 ng	#	65
54) Dibenzofuran	15.05	168	375786	38.261 ng		94
55) 4-Nitrophenol	14.87	139	99258	77.881 ng	#	87
56) 2,4-Dinitrotoluene	15.01	165	109759	43.694 ng	#	87
57) Fluorene	15.69	166	311737	37.869 ng		98
58) 2,3,4,6-Tetrachlorophenol	15.27	232	97538	41.980 ng		97
59) Diethylphthalate	15.46	149	322992	36.532 ng		99
60) 4-Chlorophenyl-phenylether	15.68	204	181623	37.538 ng		98
61) 4-Nitroaniline	15.72	138	71646	38.272 ng	#	73
62) Azobenzene	15.98	77	322337	36.961 ng		93
64) 4,6-Dinitro-2-methylphenol	15.78	198	58956	37.443 ng		83
65) n-Nitrosodiphenylamine	15.90	169	283833	35.254 ng		97
66) 4-Bromophenyl-phenylether	16.58	248	123485	37.629 ng		93
67) Hexachlorobenzene	16.70	284	128995	38.170 ng		95
68) Atrazine	16.85	200	131841	39.772 ng		99
69) Pentachlorophenol	17.05	266	112409	54.610 ng		99
70) Phenanthrene	17.43	178	539612	38.232 ng		98
71) Anthracene	17.53	178	549126	39.073 ng		99
72) Carbazole	17.80	167	500991	37.537 ng		98
73) Di-n-butylphthalate	18.34	149	583477	36.994 ng	#	98
74) Fluoranthene	19.44	202	718913	37.815 ng		97
76) Benzidine	19.62	184	176589	22.145 ng		99
77) Pyrene	19.80	202	717309	37.401 ng		97
79) Butylbenzylphthalate	20.68	149	267794	39.046 ng		99
80) Benzo(a)anthracene	21.64	228	711680	37.651 ng		99
81) 3,3'-Dichlorobenzidine	21.55	252	140692	21.347 ng		98
82) Chrysene	21.70	228	679178	38.775 ng		98
83) Bis(2-ethylhexyl)phthalate	21.53	149	370210	39.705 ng	#	99
84) Di-n-octyl phthalate	22.73	149	616849	39.511 ng	#	92
85) Indeno(1,2,3-cd)pyrene	28.49	276	756816	39.026 ng	#	86
87) Benzo(b)fluoranthene	23.84	252	693311	39.311 ng	#	95
88) Benzo(k)fluoranthene	23.91	252	660936	38.333 ng	#	98
89) Benzo(a)pyrene	24.70	252	658260	40.119 ng	#	95
90) Dibenzo(a,h)anthracene	28.55	278	635220	39.435 ng	#	95
91) Benzo(g,h,i)perylene	29.63	276	630329	39.989 ng		97

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

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