Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121918\
Data File : BG038730.D
Acq On : 19 Dec 2018 17:05
Operator : JU/SJ
Sample : PB115831BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB115831BS

Manual Integrations APPROVED
Sohil
12/20/2018 1:06:35 PM

Quant Time: Dec 20 00:20:09 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 15:26:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	24303	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	92389	20.00	ng		0.00
39) Acenaphthene-d10	14.69	164	61467	20.00	ng		0.00
64) Phenanthrene-d10	17.44	188	159470	20.00	ng		0.00
76) Chrysene-d12	21.72	240	163474	20.00	ng		0.00
87) Perylene-d12	25.01	264	171866	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	187282	136.68	ng		0.00
7) Phenol-d6	7.21	99	248561	132.14	ng		0.00
23) Nitrobenzene-d5	9.23	82	124574	68.88	ng		0.00
42) 2,4,6-Tribromophenol	16.18	330	128969	152.24	ng		0.00
45) 2-Fluorobiphenyl	13.31	172	316110	70.55	ng		0.00
79) Terphenyl-d14	20.04	244	631610	84.09	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	21096	33.081	ng		94
3) Pyridine	3.89	79	58155	33.122	ng		96
4) n-Nitrosodimethylamine	3.82	42	35689	41.484	ng	#	87
6) Aniline	7.38	93	68317	28.450	ng		97
8) 2-Chlorophenol	7.62	128	66727	42.081	ng		97
9) Benzaldehyde	7.20	77	21099	17.290	ng		99
10) Phenol	7.24	94	84743	42.405	ng		97
11) bis(2-Chloroethyl)ether	7.48	93	54813	34.450	ng		96
12) 1,3-Dichlorobenzene	7.94	146	70266	37.478	ng		100
13) 1,4-Dichlorobenzene	8.09	146	72514	37.764	ng		99
14) 1,2-Dichlorobenzene	8.41	146	68062	37.599	ng		98
15) Benzyl Alcohol	8.30	79	58767	40.026	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.58	45	119949	32.910	ng		97
17) 2-Methylphenol	8.50	107	56588	42.264	ng		98
18) Hexachloroethane	9.13	117	25213	35.934	ng		86
19) n-Nitroso-di-n-propylamine	8.86	70	46079	34.878	ng		98
20) 3+4-Methylphenols	8.82	107	77848	42.100	ng		97
22) Acetophenone	8.89	105	93204	40.389	ng	#	99
24) Nitrobenzene	9.27	77	72141	39.432	ng		97
25) Isophorone	9.79	82	130783	40.250	ng		98
26) 2-Nitrophenol	9.99	139	38307	40.910	ng		95
27) 2,4-Dimethylphenol	10.03	122	66904	49.855	ng		99
28) bis(2-Chloroethoxy)methane	10.27	93	75267	41.047	ng		98
29) 2,4-Dichlorophenol	10.52	162	71460	47.866	ng		95
30) 1,2,4-Trichlorobenzene	10.73	180	76230	42.272	ng		96
31) Naphthalene	10.93	128	203657	44.739	ng		98
32) Benzoic acid	10.19	122	29839m	37.758	ng		
33) 4-Chloroaniline	11.04	127	49715	25.156	ng		98
34) Hexachlorobutadiene	11.18	225	50532	41.413	ng		93
35) Caprolactam	11.82	113	23530	38.085	ng		91
36) 4-Chloro-3-methylphenol	12.15	107	74301	43.612	ng		94
37) 2-Methylnaphthalene	12.52	142	154415	47.549	ng		96
38) 1-Methylnaphthalene	12.74	142	145289	46.104	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	93637	40.754	ng		99

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Quant Time: Dec 20 00:20:09 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 15:26:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	111230	88.117	ng		94
43) 2,4,6-Trichlorophenol	13.13	196	64005	45.306	ng		100
44) 2,4,5-Trichlorophenol	13.21	196	68509	45.803	ng		95
46) 1,1'-Biphenyl	13.53	154	198656	38.552	ng		99
47) 2-Chloronaphthalene	13.58	162	165080	41.474	ng		98
48) 2-Nitroaniline	13.79	65	51665	40.750	ng		92
49) Acenaphthylene	14.42	152	265588	44.633	ng		98
50) Dimethylphthalate	14.15	163	211855	42.206	ng		98
51) 2,6-Dinitrotoluene	14.27	165	48037	42.229	ng		95
52) Acenaphthene	14.76	154	151401	42.550	ng		97
53) 3-Nitroaniline	14.61	138	36628	31.587	ng		89
54) 2,4-Dinitrophenol	14.82	184	46855	69.925	ng		99
55) Dibenzofuran	15.09	168	259248	42.505	ng		97
56) 4-Nitrophenol	14.91	139	72758	82.709	ng		95
57) 2,4-Dinitrotoluene	15.06	165	69591	43.436	ng		94
58) Fluorene	15.74	166	207932	46.015	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.31	232	64556	47.972	ng		99
60) Diethylphthalate	15.50	149	215204	39.054	ng		99
61) 4-Chlorophenyl-phenylether	15.73	204	117622	41.718	ng		97
62) 4-Nitroaniline	15.78	138	53153	44.524	ng		95
63) Azobenzene	16.02	77	184120	39.997	ng		98
65) 4,6-Dinitro-2-methylphenol	15.82	198	43188	37.965	ng		91
66) n-Nitrosodiphenylamine	15.95	169	190101	40.572	ng		97
67) 4-Bromophenyl-phenylether	16.62	248	80341	41.252	ng		97
68) Hexachlorobenzene	16.74	284	82219	40.725	ng		99
69) Atrazine	16.89	200	78749	45.287	ng		99
70) Pentachlorophenol	17.09	266	89012	74.540	ng		99
71) Phenanthrene	17.48	178	363474	43.953	ng		100
72) Anthracene	17.58	178	372072	45.576	ng		100
73) Carbazole	17.85	167	329213	40.775	ng		98
74) Di-n-butylphthalate	18.38	149	381048	41.131	ng		99
75) Fluoranthene	19.49	202	459078	44.868	ng		96
77) Benzidine	19.67	184	193606	40.046	ng		99
78) Pyrene	19.86	202	452827	41.930	ng		99
80) Butylbenzylphthalate	20.72	149	173229	41.057	ng		99
81) Benzo(a)anthracene	21.70	228	447183	44.892	ng		99
82) 3,3'-Dichlorobenzidine	21.62	252	117045	29.627	ng		97
83) Chrysene	21.77	228	409543	42.684	ng		99
84) Bis(2-ethylhexyl)phthalate	21.57	149	242388	40.506	ng		99
85) Di-n-octyl phthalate	22.79	149	414579	41.368	ng		98
86) Indeno(1,2,3-cd)pyrene	28.79	276	497970	44.146	ng	#	83
88) Benzo(b)fluoranthene	23.96	252	448350	47.514	ng		99
89) Benzo(k)fluoranthene	24.03	252	428215	45.572	ng		99
90) Benzo(a)pyrene	24.86	252	429205	47.148	ng	#	97
91) Dibenzo(a,h)anthracene	28.86	278	419485	46.280	ng		98
92) Benzo(g,h,i)perylene	29.99	276	414488	46.402	ng		97

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

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