Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121918\
Data File : BG038741.D
Acq On : 20 Dec 2018 00:22
Operator : JU/SJ
Sample : J6426-12MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P001-SS013B-3036-01MS

Manual Integrations APPROVED
Sohil
12/20/2018 1:06:45 PM

Quant Time: Dec 20 03:13:23 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	24108	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	99849	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	68060	20.00	ng		0.00
64) Phenanthrene-d10	17.44	188	163521	20.00	ng		0.00
76) Chrysene-d12	21.72	240	162096	20.00	ng		0.00
87) Perylene-d12	25.02	264	177624	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	181842	133.78	ng		0.00
7) Phenol-d6	7.21	99	256199	137.30	ng		0.00
23) Nitrobenzene-d5	9.23	82	155721	79.67	ng		0.00
42) 2,4,6-Tribromophenol	16.18	330	132727	141.50	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	391967	79.01	ng		0.00
79) Terphenyl-d14	20.04	244	690479	92.71	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	16144	25.520	ng		95
3) Pyridine	3.89	79	45146	25.921	ng		90
4) n-Nitrosodimethylamine	3.82	42	33605	39.378	ng	#	88
6) Aniline	7.39	93	27960	11.738	ng		99
8) 2-Chlorophenol	7.62	128	65810	41.839	ng		100
9) Benzaldehyde	7.20	77	23632	19.523	ng		98
10) Phenol	7.24	94	99471	50.177	ng		95
11) bis(2-Chloroethyl)ether	7.48	93	56231	35.627	ng		94
12) 1,3-Dichlorobenzene	7.94	146	68252	36.698	ng		98
13) 1,4-Dichlorobenzene	8.09	146	91639	48.110	ng		98
14) 1,2-Dichlorobenzene	8.41	146	66599	37.088	ng		97
15) Benzyl Alcohol	8.30	79	61457	42.196	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.58	45	118964	32.904	ng		97
17) 2-Methylphenol	8.49	107	58137	43.772	ng		94
18) Hexachloroethane	9.13	117	23814	34.214	ng		91
19) n-Nitroso-di-n-propylamine	8.86	70	48137	36.730	ng		94
20) 3+4-Methylphenols	8.82	107	82728	45.101	ng		97
22) Acetophenone	8.89	105	101017	40.504	ng	#	95
24) Nitrobenzene	9.27	77	74721	37.791	ng		97
25) Isophorone	9.79	82	139910	39.842	ng		98
26) 2-Nitrophenol	9.99	139	38251	37.798	ng		94
27) 2,4-Dimethylphenol	10.03	122	70028	48.284	ng		99
28) bis(2-Chloroethoxy)methane	10.27	93	78734	39.730	ng		98
29) 2,4-Dichlorophenol	10.52	162	76925	47.677	ng		96
30) 1,2,4-Trichlorobenzene	10.73	180	76854	39.434	ng		92
31) Naphthalene	10.93	128	210357	42.759	ng		98
32) Benzoic acid	10.18	122	25837m	32.272	ng		
33) 4-Chloroaniline	11.05	127	16009	7.495	ng		94
34) Hexachlorobutadiene	11.18	225	50281	38.128	ng		98
35) Caprolactam	11.83	113	26000m	38.938	ng		
36) 4-Chloro-3-methylphenol	12.15	107	83549	45.377	ng		96
37) 2-Methylnaphthalene	12.52	142	158089	45.043	ng		98
38) 1-Methylnaphthalene	12.74	142	151875	44.593	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	95931	37.708	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	106200	75.982 ng		94
43) 2,4,6-Trichlorophenol	13.13	196	69826	44.639 ng		99
44) 2,4,5-Trichlorophenol	13.21	196	75701	45.708 ng		98
46) 1,1'-Biphenyl	13.53	154	209038	36.637 ng		99
47) 2-Chloronaphthalene	13.58	162	167327	37.966 ng		97
48) 2-Nitroaniline	13.79	65	56941	40.561 ng		96
49) Acenaphthylene	14.42	152	275613	41.831 ng		99
50) Dimethylphthalate	14.15	163	290876	52.335 ng		99
51) 2,6-Dinitrotoluene	14.28	165	51301	40.730 ng		96
52) Acenaphthene	14.76	154	157516	39.980 ng		96
53) 3-Nitroaniline	14.61	138	17643	13.741 ng		83
54) 2,4-Dinitrophenol	14.82	184	56800	76.063 ng		96
55) Dibenzofuran	15.09	168	268520	39.760 ng		95
56) 4-Nitrophenol	14.92	139	81412	83.582 ng		95
57) 2,4-Dinitrotoluene	15.06	165	73326	41.334 ng		99
58) Fluorene	15.74	166	215400	43.050 ng		99
59) 2,3,4,6-Tetrachlorophenol	15.31	232	68934	46.263 ng		99
60) Diethylphthalate	15.50	149	229516	37.616 ng		99
61) 4-Chlorophenyl-phenylether	15.73	204	120794	38.693 ng		99
62) 4-Nitroaniline	15.78	138	50539	38.234 ng		90
63) Azobenzene	16.02	77	191928	37.654 ng		97
65) 4,6-Dinitro-2-methylphenol	15.82	198	46462	39.831 ng		92
66) n-Nitrosodiphenylamine	15.95	169	202368	42.120 ng		97
67) 4-Bromophenyl-phenylether	16.62	248	80892	40.506 ng		94
68) Hexachlorobenzene	16.74	284	84563	40.848 ng		97
69) Atrazine	16.89	200	82950	46.521 ng		95
70) Pentachlorophenol	17.09	266	97373	79.522 ng		95
71) Phenanthrene	17.49	178	356235	42.011 ng		99
72) Anthracene	17.58	178	362214	43.269 ng		99
73) Carbazole	17.85	167	324549	39.202 ng		97
74) Di-n-butylphthalate	18.38	149	363305	38.244 ng		99
75) Fluoranthene	19.49	202	418416	39.881 ng		96
77) Benzidine	19.68	184	154422	32.213 ng		98
78) Pyrene	19.86	202	420026	39.224 ng		99
80) Butylbenzylphthalate	20.72	149	160331	38.323 ng		98
81) Benzo(a)anthracene	21.70	228	418703	42.390 ng		99
82) 3,3'-Dichlorobenzidine	21.62	252	45619	11.645 ng	#	97
83) Chrysene	21.77	228	395996	41.623 ng		98
84) Bis(2-ethylhexyl)phthalate	21.57	149	231355	38.991 ng		100
85) Di-n-octyl phthalate	22.79	149	400674	40.320 ng		100
86) Indeno(1,2,3-cd)pyrene	28.80	276	493114	44.087 ng	#	93
88) Benzo(b)fluoranthene	23.96	252	416539	42.712 ng		99
89) Benzo(k)fluoranthene	24.04	252	412372	42.464 ng		98
90) Benzo(a)pyrene	24.87	252	407362	43.298 ng		98
91) Dibenzo(a,h)anthracene	28.87	278	413444	44.135 ng		99
92) Benzo(g,h,i)perylene	30.00	276	407459	44.136 ng		97

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

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