Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121918\
Data File : BG038747.D
Acq On : 20 Dec 2018 4:19
Operator : JU/SJ
Sample : PB115763BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB115763BS

Manual Integrations APPROVED
Sohil
12/20/2018 1:06:51 PM

Quant Time: Dec 20 07:49:56 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	8.06	152	23452	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	94563	20.00	ng		0.00
39) Acenaphthene-d10	14.69	164	62722	20.00	ng		0.00
64) Phenanthrene-d10	17.44	188	163233	20.00	ng		0.00
76) Chrysene-d12	21.73	240	156588	20.00	ng		0.00
87) Perylene-d12	25.02	264	174935	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	168095	127.13	ng		0.00
7) Phenol-d6	7.21	99	222761	122.72	ng		0.00
23) Nitrobenzene-d5	9.23	82	117209	63.32	ng		0.00
42) 2,4,6-Tribromophenol	16.18	330	113761	131.60	ng		0.00
45) 2-Fluorobiphenyl	13.31	172	304034	66.50	ng		0.00
79) Terphenyl-d14	20.04	244	578352	80.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	21229	34.497	ng	#	91
3) Pyridine	3.89	79	59007	34.827	ng		96
4) n-Nitrosodimethylamine	3.82	42	35460	42.714	ng		88
6) Aniline	7.38	93	73430	31.689	ng		98
8) 2-Chlorophenol	7.62	128	68594	44.829	ng		98
9) Benzaldehyde	7.20	77	22106	18.773	ng		96
10) Phenol	7.24	94	89572	46.448	ng		100
11) bis(2-Chloroethyl)ether	7.48	93	58447	38.067	ng		94
12) 1,3-Dichlorobenzene	7.94	146	73373	40.555	ng		97
13) 1,4-Dichlorobenzene	8.09	146	75367	40.674	ng		97
14) 1,2-Dichlorobenzene	8.41	146	72054	41.248	ng		96
15) Benzyl Alcohol	8.30	79	63016	44.477	ng		100
16) 2,2'-oxybis(1-Chloropropan	8.58	45	124319	35.347	ng		96
17) 2-Methylphenol	8.50	107	60034	46.465	ng		100
18) Hexachloroethane	9.13	117	26479	39.107	ng		95
19) n-Nitroso-di-n-propylamine	8.86	70	47425	37.199	ng		97
20) 3+4-Methylphenols	8.82	107	81268	45.545	ng		96
22) Acetophenone	8.89	105	99285	42.035	ng	#	97
24) Nitrobenzene	9.28	77	76310	40.752	ng		97
25) Isophorone	9.79	82	138546	41.659	ng		99
26) 2-Nitrophenol	9.99	139	39939	41.672	ng		96
27) 2,4-Dimethylphenol	10.03	122	69643	50.703	ng		100
28) bis(2-Chloroethoxy)methane	10.27	93	79700	42.465	ng		96
29) 2,4-Dichlorophenol	10.52	162	75690	49.534	ng		96
30) 1,2,4-Trichlorobenzene	10.73	180	80598	43.667	ng		99
31) Naphthalene	10.93	128	211755	45.449	ng		98
32) Benzoic acid	10.19	122	33895m	40.788	ng		
33) 4-Chloroaniline	11.04	127	53244	26.322	ng		97
34) Hexachlorobutadiene	11.18	225	51586	41.305	ng		90
35) Caprolactam	11.83	113	25295	40.000	ng	#	87
36) 4-Chloro-3-methylphenol	12.15	107	77782	44.606	ng		98
37) 2-Methylnaphthalene	12.52	142	160569	48.307	ng		99
38) 1-Methylnaphthalene	12.74	142	152199	47.187	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	98144	41.861	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	116985	90.822	ng		92
43) 2,4,6-Trichlorophenol	13.13	196	67743	46.993	ng		97
44) 2,4,5-Trichlorophenol	13.21	196	72330	47.390	ng		97
46) 1,1'-Biphenyl	13.53	154	212716	40.455	ng		100
47) 2-Chloronaphthalene	13.58	162	172794	42.543	ng		97
48) 2-Nitroaniline	13.79	65	56055	43.328	ng		96
49) Acenaphthylene	14.42	152	282382	46.506	ng		99
50) Dimethylphthalate	14.15	163	222783	43.495	ng		99
51) 2,6-Dinitrotoluene	14.28	165	49697	42.814	ng		98
52) Acenaphthene	14.76	154	160598	44.232	ng		99
53) 3-Nitroaniline	14.62	138	39187	33.118	ng		89
54) 2,4-Dinitrophenol	14.82	184	49037	71.584	ng		98
55) Dibenzofuran	15.09	168	271126	43.563	ng		96
56) 4-Nitrophenol	14.92	139	75027	83.582	ng		95
57) 2,4-Dinitrotoluene	15.06	165	72249	44.192	ng		96
58) Fluorene	15.74	166	223022	48.366	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.32	232	68675	50.011	ng		96
60) Diethylphthalate	15.50	149	228414	40.622	ng		99
61) 4-Chlorophenyl-phenylether	15.73	204	124631	43.320	ng		99
62) 4-Nitroaniline	15.78	138	55398	45.476	ng		97
63) Azobenzene	16.02	77	196423	41.816	ng		95
65) 4,6-Dinitro-2-methylphenol	15.83	198	44414	38.142	ng		92
66) n-Nitrosodiphenylamine	15.95	169	202521	42.226	ng		98
67) 4-Bromophenyl-phenylether	16.63	248	83995	42.134	ng		97
68) Hexachlorobenzene	16.74	284	87955	42.562	ng		99
69) Atrazine	16.89	200	84389	47.412	ng		97
70) Pentachlorophenol	17.09	266	90008	73.637	ng		99
71) Phenanthrene	17.48	178	381169	45.030	ng		99
72) Anthracene	17.58	178	389867	46.655	ng		99
73) Carbazole	17.85	167	340577	41.210	ng		98
74) Di-n-butylphthalate	18.38	149	390877	41.219	ng		99
75) Fluoranthene	19.49	202	450716	43.035	ng		97
77) Benzidine	19.67	184	209501	45.239	ng		99
78) Pyrene	19.86	202	439058	42.443	ng		99
80) Butylbenzylphthalate	20.72	149	155519	38.480	ng		98
81) Benzo(a)anthracene	21.70	228	439424	46.053	ng		100
82) 3,3'-Dichlorobenzidine	21.62	252	116961	30.907	ng		96
83) Chrysene	21.77	228	409159	44.520	ng		100
84) Bis(2-ethylhexyl)phthalate	21.57	149	228559	39.874	ng		98
85) Di-n-octyl phthalate	22.79	149	409632	42.672	ng		100
86) Indeno(1,2,3-cd)pyrene	28.80	276	516498	47.802	ng	#	73
88) Benzo(b)fluoranthene	23.96	252	452337	47.096	ng		99
89) Benzo(k)fluoranthene	24.03	252	429608	44.918	ng		96
90) Benzo(a)pyrene	24.87	252	437650	47.232	ng		99
91) Dibenzo(a,h)anthracene	28.86	278	427082	46.292	ng		99
92) Benzo(g,h,i)perylene	30.00	276	424554	46.695	ng		98

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

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