Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121818\
Data File : BG038706.D
Acq On : 18 Dec 2018 22:36
Operator : JU/SJ
Sample : PB115759BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB115759BS

Manual Integrations APPROVED
Sohil
12/19/2018 4:12:29 PM

Quant Time: Dec 19 07:28:09 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	22569	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	90858	20.00	ng		0.00
39) Acenaphthene-d10	14.69	164	59963	20.00	ng		0.00
64) Phenanthrene-d10	17.44	188	155000	20.00	ng		0.00
76) Chrysene-d12	21.72	240	158523	20.00	ng		0.00
87) Perylene-d12	25.02	264	169327	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	158585	124.63	ng		0.00
7) Phenol-d6	7.21	99	213460	122.20	ng		0.00
23) Nitrobenzene-d5	9.23	82	111896	62.92	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	103140	124.81	ng		0.00
45) 2-Fluorobiphenyl	13.31	172	284266	65.04	ng		0.00
79) Terphenyl-d14	20.05	244	598578	82.18	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	20495	34.607	ng		91
3) Pyridine	3.89	79	56535	34.673	ng		95
4) n-Nitrosodimethylamine	3.82	42	33982	42.535	ng	#	91
6) Aniline	7.38	93	70735	31.721	ng		99
8) 2-Chlorophenol	7.62	128	65899	44.752	ng		99
9) Benzaldehyde	7.20	77	21337	18.829	ng		96
10) Phenol	7.24	94	85030	45.818	ng		99
11) bis(2-Chloroethyl)ether	7.48	93	54512	36.893	ng		94
12) 1,3-Dichlorobenzene	7.94	146	70079	40.250	ng		99
13) 1,4-Dichlorobenzene	8.09	146	71647	40.180	ng		96
14) 1,2-Dichlorobenzene	8.41	146	67196	39.972	ng		96
15) Benzyl Alcohol	8.29	79	59267	43.468	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.58	45	122197	36.103	ng		98
17) 2-Methylphenol	8.49	107	56801	45.682	ng		97
18) Hexachloroethane	9.13	117	25552	39.215	ng		95
19) n-Nitroso-di-n-propylamine	8.86	70	45692	37.242	ng		97
20) 3+4-Methylphenols	8.82	107	76612	44.615	ng		96
22) Acetophenone	8.89	105	94975	41.849	ng		97
24) Nitrobenzene	9.28	77	72727	40.422	ng		99
25) Isophorone	9.79	82	130903	40.966	ng		100
26) 2-Nitrophenol	9.99	139	36634	39.783	ng		97
27) 2,4-Dimethylphenol	10.03	122	67151	50.882	ng		96
28) bis(2-Chloroethoxy)methane	10.27	93	75261	41.736	ng		97
29) 2,4-Dichlorophenol	10.52	162	70438	47.976	ng		98
30) 1,2,4-Trichlorobenzene	10.73	180	73182	41.266	ng		95
31) Naphthalene	10.93	128	203476	45.453	ng		98
32) Benzoic acid	10.19	122	29067m	37.497	ng		
33) 4-Chloroaniline	11.04	127	47422	24.400	ng		96
34) Hexachlorobutadiene	11.18	225	49051	40.876	ng		95
35) Caprolactam	11.82	113	23328	38.394	ng		89
36) 4-Chloro-3-methylphenol	12.15	107	75161	44.860	ng		98
37) 2-Methylnaphthalene	12.52	142	152516	47.755	ng		99
38) 1-Methylnaphthalene	12.74	142	142685	46.041	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	90562	40.404	ng		100

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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	110694	89.892	ng		92
43) 2,4,6-Trichlorophenol	13.13	196	62162	45.105	ng		98
44) 2,4,5-Trichlorophenol	13.21	196	68932	47.241	ng		96
46) 1,1'-Biphenyl	13.53	154	198556	39.499	ng		99
47) 2-Chloronaphthalene	13.58	162	159339	41.035	ng		98
48) 2-Nitroaniline	13.79	65	52450	42.407	ng		89
49) Acenaphthylene	14.42	152	264126	45.501	ng		99
50) Dimethylphthalate	14.15	163	207859	42.448	ng		98
51) 2,6-Dinitrotoluene	14.28	165	47288	42.614	ng		94
52) Acenaphthene	14.76	154	150689	43.412	ng		100
53) 3-Nitroaniline	14.61	138	35217	31.132	ng		99
54) 2,4-Dinitrophenol	14.82	184	46131	70.523	ng		100
55) Dibenzofuran	15.09	168	256086	43.039	ng		98
56) 4-Nitrophenol	14.92	139	75238	87.674	ng		95
57) 2,4-Dinitrotoluene	15.06	165	69120	44.224	ng		95
58) Fluorene	15.74	166	206190	46.774	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.32	232	63039	48.019	ng		99
60) Diethylphthalate	15.50	149	214722	39.944	ng		99
61) 4-Chlorophenyl-phenylether	15.73	204	115968	42.163	ng		98
62) 4-Nitroaniline	15.78	138	52327	44.932	ng		95
63) Azobenzene	16.02	77	185546	41.318	ng		97
65) 4,6-Dinitro-2-methylphenol	15.83	198	42341	38.294	ng		89
66) n-Nitrosodiphenylamine	15.94	169	191092	41.959	ng		98
67) 4-Bromophenyl-phenylether	16.63	248	76980	40.666	ng		95
68) Hexachlorobenzene	16.74	284	81798	41.685	ng		97
69) Atrazine	16.89	200	77747	46.001	ng		95
70) Pentachlorophenol	17.09	266	87939	75.765	ng		99
71) Phenanthrene	17.48	178	365072	45.420	ng		97
72) Anthracene	17.58	178	371772	46.852	ng		99
73) Carbazole	17.85	167	332214	42.334	ng		99
74) Di-n-butylphthalate	18.38	149	381171	42.331	ng		99
75) Fluoranthene	19.49	202	457716	46.025	ng		98
77) Benzidine	19.68	184	219547	46.830	ng		99
78) Pyrene	19.86	202	456732	43.613	ng		99
80) Butylbenzylphthalate	20.72	149	172460	42.151	ng		99
81) Benzo(a)anthracene	21.70	228	443042	45.866	ng		98
82) 3,3'-Dichlorobenzidine	21.61	252	116231	30.339	ng		99
83) Chrysene	21.77	228	408840	43.942	ng		99
84) Bis(2-ethylhexyl)phthalate	21.57	149	240950	41.523	ng		99
85) Di-n-octyl phthalate	22.79	149	409086	42.095	ng		100
86) Indeno(1,2,3-cd)pyrene	28.81	276	496700	45.409	ng	#	82
88) Benzo(b)fluoranthene	23.96	252	443143	47.667	ng		100
89) Benzo(k)fluoranthene	24.03	252	423993	45.800	ng		98
90) Benzo(a)pyrene	24.86	252	427680	47.685	ng		99
91) Dibenzo(a,h)anthracene	28.86	278	416962	46.691	ng		98
92) Benzo(g,h,i)perylene	30.00	276	411627	46.772	ng		96

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

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