Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121218\
Data File : BG038520.D
Acq On : 13 Dec 2018 6:17
Operator : JU/SJ
Sample : PB115618BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB115618BS

Manual Integrations APPROVED
Sohil
12/13/2018 3:07:06 PM

Quant Time: Dec 13 06:53:17 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	19893	20.00	ng		0.00
21) Naphthalene-d8	10.88	136	84681	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	60266	20.00	ng		0.00
64) Phenanthrene-d10	17.44	188	161111	20.00	ng		0.00
76) Chrysene-d12	21.73	240	167928	20.00	ng		0.00
87) Perylene-d12	25.02	264	179139	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	136840	122.01	ng		0.00
7) Phenol-d6	7.21	99	185958	120.77	ng		0.00
23) Nitrobenzene-d5	9.24	82	117776	71.05	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	97780	117.73	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	297668	67.76	ng		0.00
79) Terphenyl-d14	20.05	244	608392	78.85	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	13443	25.753	ng		93
3) Pyridine	3.89	79	37869	26.349	ng	#	87
4) n-Nitrosodimethylamine	3.81	42	25440	36.127	ng	#	95
6) Aniline	7.39	93	42728	21.739	ng		98
8) 2-Chlorophenol	7.62	128	46805	36.061	ng		97
9) Benzaldehyde	7.20	77	17656	17.677	ng		99
10) Phenol	7.24	94	62687	38.322	ng		98
11) bis(2-Chloroethyl)ether	7.47	93	42161	32.373	ng		97
12) 1,3-Dichlorobenzene	7.94	146	47375	30.870	ng		95
13) 1,4-Dichlorobenzene	8.10	146	48721	30.998	ng		98
14) 1,2-Dichlorobenzene	8.41	146	47096	31.784	ng		99
15) Benzyl Alcohol	8.30	79	43546	36.234	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.58	45	97221	32.588	ng		97
17) 2-Methylphenol	8.50	107	41787	38.128	ng		92
18) Hexachloroethane	9.14	117	17919	31.200	ng		98
19) n-Nitroso-di-n-propylamine	8.86	70	36876	34.100	ng		95
20) 3+4-Methylphenols	8.82	107	58934	38.937	ng		98
22) Acetophenone	8.89	105	69906	33.050	ng	#	99
24) Nitrobenzene	9.28	77	54921	32.752	ng		99
25) Isophorone	9.79	82	104969	35.246	ng		99
26) 2-Nitrophenol	9.99	139	27273	31.777	ng		97
27) 2,4-Dimethylphenol	10.04	122	50865	41.353	ng		97
28) bis(2-Chloroethoxy)methane	10.28	93	58666	34.906	ng		96
29) 2,4-Dichlorophenol	10.52	162	51987	37.992	ng		95
30) 1,2,4-Trichlorobenzene	10.73	180	52424	31.717	ng		96
31) Naphthalene	10.93	128	150470	36.064	ng		99
32) Benzoic acid	10.18	122	22692m	33.059	ng		
33) 4-Chloroaniline	11.05	127	15599	8.611	ng		96
34) Hexachlorobutadiene	11.19	225	33338	29.809	ng		95
35) Caprolactam	11.82	113	20320m	35.883	ng		
36) 4-Chloro-3-methylphenol	12.15	107	58589	37.520	ng		97
37) 2-Methylnaphthalene	12.53	142	114869	38.591	ng		96
38) 1-Methylnaphthalene	12.75	142	108501	37.564	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	65763	29.193	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	12.86	237	87354	70.581	ng		98
43) 2,4,6-Trichlorophenol	13.13	196	46843	33.819	ng		97
44) 2,4,5-Trichlorophenol	13.21	196	53039	36.167	ng		96
46) 1,1'-Biphenyl	13.53	154	153065	30.297	ng		100
47) 2-Chloronaphthalene	13.58	162	122119	31.292	ng		98
48) 2-Nitroaniline	13.79	65	44013	35.407	ng		98
49) Acenaphthylene	14.42	152	210147	36.020	ng		99
50) Dimethylphthalate	14.15	163	173648	35.283	ng		97
51) 2,6-Dinitrotoluene	14.28	165	38756	34.749	ng		96
52) Acenaphthene	14.76	154	117767	33.757	ng		97
53) 3-Nitroaniline	14.62	138	21037	18.504	ng		86
54) 2,4-Dinitrophenol	14.82	184	45900	69.869	ng		98
55) Dibenzofuran	15.10	168	203282	33.993	ng		97
56) 4-Nitrophenol	14.92	139	66492	77.093	ng		98
57) 2,4-Dinitrotoluene	15.06	165	57530	36.623	ng		98
58) Fluorene	15.75	166	165187	37.284	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.32	232	50190	38.040	ng		98
60) Diethylphthalate	15.50	149	185283	34.294	ng		100
61) 4-Chlorophenyl-phenylether	15.73	204	91198	32.991	ng		100
62) 4-Nitroaniline	15.78	138	42287	36.128	ng		98
63) Azobenzene	16.02	77	159997	35.449	ng		98
65) 4,6-Dinitro-2-methylphenol	15.82	198	36253	31.544	ng		96
66) n-Nitrosodiphenylamine	15.95	169	154793	32.700	ng		97
67) 4-Bromophenyl-phenylether	16.63	248	62728	31.880	ng		94
68) Hexachlorobenzene	16.74	284	65024	31.880	ng		97
69) Atrazine	16.89	200	66932	38.100	ng		95
70) Pentachlorophenol	17.09	266	73959	61.304	ng		98
71) Phenanthrene	17.49	178	303771	36.360	ng		98
72) Anthracene	17.58	178	313244	37.979	ng		97
73) Carbazole	17.86	167	283006	34.695	ng		99
74) Di-n-butylphthalate	18.38	149	339873	36.313	ng		99
75) Fluoranthene	19.49	202	395034	38.215	ng		98
77) Benzidine	19.68	184	160011	32.219	ng		99
78) Pyrene	19.86	202	388734	35.041	ng		99
80) Butylbenzylphthalate	20.73	149	150846	34.804	ng		98
81) Benzo(a)anthracene	21.70	228	371919	36.346	ng		99
82) 3,3'-Dichlorobenzidine	21.62	252	72043	17.752	ng		97
83) Chrysene	21.77	228	346077	35.113	ng		99
84) Bis(2-ethylhexyl)phthalate	21.57	149	210214	34.197	ng		99
85) Di-n-octyl phthalate	22.80	149	362112	35.174	ng		100
86) Indeno(1,2,3-cd)pyrene	28.81	276	429974	37.107	ng	#	99
88) Benzo(b)fluoranthene	23.97	252	370124	37.632	ng		100
89) Benzo(k)fluoranthene	24.04	252	359851	36.742	ng		97
90) Benzo(a)pyrene	24.87	252	360432	37.986	ng		100
91) Dibenzo(a,h)anthracene	28.87	278	352904	37.354	ng		97
92) Benzo(g,h,i)perylene	29.99	276	352991	37.913	ng		97

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

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