Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090419\
Data File : BG042702.D
Acq On : 4 Sep 2019 11:35
Operator : HP/JU
Sample : PB122757BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB122757BS

Manual Integrations APPROVED
mohammad
9/10/2019 9:50:24 AM

Quant Time: Sep 04 18:23:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 22 14:29:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	48156	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	174995	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	132626	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	319838	20.00	ng	0.00
76) Chrysene-d12	21.69	240	343531	20.00	ng	0.00
87) Perylene-d12	24.93	264	422336	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	169594	71.33	ng	0.00
7) Phenol-d6	7.17	99	218620	68.07	ng	0.00
23) Nitrobenzene-d5	9.17	82	176099	69.54	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	148807	78.94	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	585725	74.69	ng	0.00
79) Terphenyl-d14	20.02	244	1139255	71.70	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.42	88	26500	26.706	ng	96
3) Pyridine	3.82	79	60463	23.763	ng	97
4) n-Nitrosodimethylamine	3.74	42	29025	31.939	ng	90
6) Aniline	7.31	93	61845	14.437	ng	99
8) 2-Chlorophenol	7.57	128	94270	32.714	ng	98
9) Benzaldehyde	7.13	77	49266	30.639	ng	94
10) Phenol	7.20	94	102530	31.397	ng	93
11) bis(2-Chloroethyl)ether	7.41	93	72021	28.082	ng	99
12) 1,3-Dichlorobenzene	7.88	146	111437	30.399	ng	97
13) 1,4-Dichlorobenzene	8.03	146	115206	31.026	ng	100
14) 1,2-Dichlorobenzene	8.35	146	106697	30.005	ng	98
15) Benzyl Alcohol	8.24	79	71317	30.864	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.53	45	89412	25.722	ng	99
17) 2-Methylphenol	8.45	107	74025	30.776	ng	93
18) Hexachloroethane	9.09	117	38489	30.278	ng	95
19) n-Nitroso-di-n-propylamine	8.81	70	56418	27.114	ng	94
20) 3+4-Methylphenols	8.78	107	100142	30.088	ng	97
22) Acetophenone	8.82	105	128933	34.448	ng	98
24) Nitrobenzene	9.21	77	86127	33.586	ng	99
25) Isophorone	9.73	82	158029	31.621	ng	99
26) 2-Nitrophenol	9.93	139	56940	35.433	ng	98
27) 2,4-Dimethylphenol	9.99	122	86739	39.184	ng	98
28) bis(2-Chloroethoxy)methane	10.22	93	100224	31.818	ng	99
29) 2,4-Dichlorophenol	10.48	162	108956	37.620	ng	96
30) 1,2,4-Trichlorobenzene	10.68	180	123153	34.643	ng	97
31) Naphthalene	10.87	128	279076	34.350	ng	99
32) Benzoic acid	10.16	122	36128	26.830	ng	97
33) 4-Chloroaniline	10.99	127	41947	11.184	ng	98
34) Hexachlorobutadiene	11.16	225	85223	35.671	ng	96
35) Caprolactam	11.76	113	32022m	33.135	ng	
36) 4-Chloro-3-methylphenol	12.11	107	98522	35.835	ng	96
37) 2-Methylnaphthalene	12.48	142	229442	35.171	ng	98
38) 1-Methylnaphthalene	12.70	142	212937	34.363	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	158754	37.274	ng	100

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Quant Time: Sep 04 18:23:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 22 14:29:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	165070	73.782	ng		99
43) 2,4,6-Trichlorophenol	13.10	196	101785	35.356	ng		98
44) 2,4,5-Trichlorophenol	13.18	196	107927	36.177	ng		98
46) 1,1'-Biphenyl	13.49	154	304692	35.541	ng		97
47) 2-Chloronaphthalene	13.54	162	247897	33.535	ng		98
48) 2-Nitroaniline	13.74	65	55114	30.918	ng		95
49) Acenaphthylene	14.38	152	393766	35.406	ng		99
50) Dimethylphthalate	14.11	163	321928	33.641	ng		100
51) 2,6-Dinitrotoluene	14.23	165	78115	35.217	ng		95
52) Acenaphthene	14.72	154	229924	34.047	ng		98
53) 3-Nitroaniline	14.56	138	33133	14.936	ng		100
54) 2,4-Dinitrophenol	14.78	184	81837	56.710	ng		98
55) Dibenzofuran	15.06	168	406462	36.362	ng		99
56) 4-Nitrophenol	14.89	139	108430	68.788	ng		96
57) 2,4-Dinitrotoluene	15.03	165	112713	35.485	ng		97
58) Fluorene	15.71	166	327412	35.831	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.29	232	111438m	37.772	ng		
60) Diethylphthalate	15.48	149	317471	33.937	ng		97
61) 4-Chlorophenyl-phenylether	15.70	204	195259	35.448	ng		98
62) 4-Nitroaniline	15.73	138	76780	32.340	ng		92
63) Azobenzene	15.99	77	209704	32.715	ng		95
65) 4,6-Dinitro-2-methylphenol	15.80	198	72845	36.327	ng		100
66) n-Nitrosodiphenylamine	15.92	169	311279	35.390	ng		99
67) 4-Bromophenyl-phenylether	16.59	248	140905	34.732	ng		97
68) Hexachlorobenzene	16.73	284	149859	33.980	ng		98
69) Atrazine	16.86	200	117698	37.839	ng		98
70) Pentachlorophenol	17.07	266	159907	69.784	ng		98
71) Phenanthrene	17.46	178	568847	35.806	ng		99
72) Anthracene	17.55	178	583906	36.817	ng		99
73) Carbazole	17.82	167	509205	36.024	ng		98
74) Di-n-butylphthalate	18.37	149	573322	34.313	ng		100
75) Fluoranthene	19.46	202	733283	37.820	ng		97
77) Benzidine	19.65	184	174623	17.730	ng		99
78) Pyrene	19.83	202	744617	35.354	ng		99
80) Butylbenzylphthalate	20.70	149	265999	32.110	ng		99
81) Benzo(a)anthracene	21.67	228	748866	35.835	ng		97
82) 3,3'-Dichlorobenzidine	21.58	252	168498	20.048	ng		100
83) Chrysene	21.74	228	721935	35.821	ng		100
84) Bis(2-ethylhexyl)phthalate	21.57	149	391931	34.075	ng		97
85) Di-n-octyl phthalate	22.78	149	676383	34.191	ng		99
86) Indeno(1,2,3-cd)pyrene	28.65	276	941807	34.387	ng	#	95
88) Benzo(b)fluoranthene	23.91	252	809183	34.851	ng		99
89) Benzo(k)fluoranthene	23.97	252	812362m	36.400	ng		
90) Benzo(a)pyrene	24.78	252	815504	37.014	ng		99
91) Dibenzo(a,h)anthracene	28.71	278	762464	34.179	ng		99
92) Benzo(g,h,i)perylene	29.82	276	755413	33.858	ng		95

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

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Misc :
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