Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090619\
Data File : BG042753.D
Acq On : 6 Sep 2019 18:18
Operator : HP/JU
Sample : PB122825BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB122825BS

Manual Integrations APPROVED
mohammad
9/10/2019 9:59:50 AM

Quant Time: Sep 06 19:09:00 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	25285	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	114567	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	96888	20.00	ng		0.00
64) Phenanthrene-d10	17.41	188	251547	20.00	ng		0.00
76) Chrysene-d12	21.69	240	209905	20.00	ng		0.00
87) Perylene-d12	24.93	264	200936	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	153524	122.97	ng		0.00
7) Phenol-d6	7.17	99	196211	116.35	ng		0.00
23) Nitrobenzene-d5	9.17	82	100621	60.69	ng		0.00
42) 2,4,6-Tribromophenol	16.15	330	165681	120.31	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	373274	65.16	ng		0.00
79) Terphenyl-d14	20.03	244	788245	81.19	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	15217	29.207	ng		97
3) Pyridine	3.82	79	33461	25.046	ng		97
4) n-Nitrosodimethylamine	3.74	42	18705	39.200	ng		93
6) Aniline	7.32	93	64566	28.705	ng		99
8) 2-Chlorophenol	7.57	128	69758	46.104	ng		98
9) Benzaldehyde	7.13	77	26120	30.938	ng		95
10) Phenol	7.20	94	77148	44.994	ng		91
11) bis(2-Chloroethyl)ether	7.42	93	51123	37.965	ng		94
12) 1,3-Dichlorobenzene	7.89	146	71548	37.172	ng		96
13) 1,4-Dichlorobenzene	8.04	146	72205	37.035	ng		98
14) 1,2-Dichlorobenzene	8.36	146	71735	38.421	ng		97
15) Benzyl Alcohol	8.25	79	53385	44.001	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.54	45	62364	34.169	ng		97
17) 2-Methylphenol	8.46	107	56237	44.530	ng		97
18) Hexachloroethane	9.09	117	23298	34.906	ng		85
19) n-Nitroso-di-n-propylamine	8.82	70	41359	37.856	ng	#	91
20) 3+4-Methylphenols	8.79	107	77352	44.263	ng		99
22) Acetophenone	8.83	105	95160	38.835	ng	#	98
24) Nitrobenzene	9.22	77	63026	37.541	ng		97
25) Isophorone	9.74	82	121251	37.058	ng		100
26) 2-Nitrophenol	9.93	139	43246	41.105	ng	#	95
27) 2,4-Dimethylphenol	10.00	122	69462	47.930	ng		99
28) bis(2-Chloroethoxy)methane	10.22	93	75973	36.841	ng		98
29) 2,4-Dichlorophenol	10.48	162	87580	46.189	ng		98
30) 1,2,4-Trichlorobenzene	10.69	180	91074	39.132	ng		97
31) Naphthalene	10.87	128	207849	39.076	ng		99
32) Benzoic acid	10.17	122	27187	29.618	ng		98
33) 4-Chloroaniline	10.99	127	64363	26.213	ng		99
34) Hexachlorobutadiene	11.16	225	60281	38.539	ng		98
35) Caprolactam	11.77	113	26308m	41.581	ng		
36) 4-Chloro-3-methylphenol	12.12	107	80690	44.829	ng		97
37) 2-Methylnaphthalene	12.49	142	177862	41.645	ng		98
38) 1-Methylnaphthalene	12.71	142	168631	41.567	ng		96
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	125300	40.271	ng		99

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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	74968	45.869 ng		97
43) 2,4,6-Trichlorophenol	13.10	196	83876	39.882 ng		96
44) 2,4,5-Trichlorophenol	13.18	196	90430	41.493 ng		99
46) 1,1'-Biphenyl	13.49	154	243751	38.920 ng		98
47) 2-Chloronaphthalene	13.54	162	200447	37.118 ng		99
48) 2-Nitroaniline	13.74	65	47025	36.111 ng		97
49) Acenaphthylene	14.39	152	325331	40.043 ng		99
50) Dimethylphthalate	14.12	163	280531	40.128 ng		98
51) 2,6-Dinitrotoluene	14.23	165	65763	40.584 ng		97
52) Acenaphthene	14.73	154	188190	38.146 ng		99
53) 3-Nitroaniline	14.57	138	46425	28.647 ng	#	93
54) 2,4-Dinitrophenol	14.79	184	77209	71.413 ng		99
55) Dibenzofuran	15.06	168	337245	41.298 ng		100
56) 4-Nitrophenol	14.89	139	90303	78.419 ng		92
57) 2,4-Dinitrotoluene	15.03	165	97478	42.009 ng	#	99
58) Fluorene	15.71	166	277711	41.602 ng		98
59) 2,3,4,6-Tetrachlorophenol	15.30	232	92538	42.935 ng	#	92
60) Diethylphthalate	15.47	149	279357	40.878 ng		99
61) 4-Chlorophenyl-phenylether	15.70	204	167270	41.568 ng		97
62) 4-Nitroaniline	15.74	138	66599	38.398 ng		93
63) Azobenzene	16.00	77	174786	37.325 ng		95
65) 4,6-Dinitro-2-methylphenol	15.80	198	68128	43.199 ng		96
66) n-Nitrosodiphenylamine	15.91	169	263855	38.142 ng		98
67) 4-Bromophenyl-phenylether	16.60	248	121569	38.101 ng		97
68) Hexachlorobenzene	16.73	284	129359	37.295 ng		98
69) Atrazine	16.87	200	103613	42.355 ng		98
70) Pentachlorophenol	17.07	266	140300	77.849 ng		98
71) Phenanthrene	17.46	178	498709	39.913 ng		99
72) Anthracene	17.55	178	502044	40.249 ng		99
73) Carbazole	17.82	167	441414	39.706 ng		99
74) Di-n-butylphthalate	18.37	149	514641	39.162 ng		100
75) Fluoranthene	19.47	202	642607	42.141 ng		96
77) Benzidine	19.64	184	115932	19.264 ng		98
78) Pyrene	19.83	202	629451	48.912 ng		98
80) Butylbenzylphthalate	20.71	149	181845	35.925 ng		96
81) Benzo(a)anthracene	21.67	228	509514	39.903 ng		96
82) 3,3'-Dichlorobenzidine	21.58	252	167887	32.692 ng		99
83) Chrysene	21.74	228	491370	39.902 ng		99
84) Bis(2-ethylhexyl)phthalate	21.57	149	244929	34.851 ng		98
85) Di-n-octyl phthalate	22.79	149	439718	36.378 ng		99
86) Indeno(1,2,3-cd)pyrene	28.66	276	627431	37.492 ng	#	96
88) Benzo(b)fluoranthene	23.91	252	542890	49.145 ng	#	99
89) Benzo(k)fluoranthene	23.97	252	534284	50.318 ng	#	98
90) Benzo(a)pyrene	24.79	252	533088	50.856 ng	#	97
91) Dibenzo(a,h)anthracene	28.70	278	525901	49.550 ng	#	97
92) Benzo(g,h,i)perylene	29.82	276	532311	50.147 ng		97

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

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