Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111319\
Data File : BG043616.D
Acq On : 13 Nov 2019 17:23
Operator : JU
Sample : PB124701BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB124701BS

Manual Integrations APPROVED
mohammad
11/14/2019 2:07:54 PM

Quant Time: Nov 14 03:05:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 04 15:22:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	27764	20.00	ng		-0.01
21) Naphthalene-d8	10.80	136	114085	20.00	ng		-0.01
39) Acenaphthene-d10	14.63	164	82992	20.00	ng		-0.01
64) Phenanthrene-d10	17.37	188	198487	20.00	ng		-0.02
76) Chrysene-d12	21.64	240	224378	20.00	ng		-0.01
87) Perylene-d12	24.82	264	223831	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	201054	132.70	ng		0.00
7) Phenol-d6	7.20	99	268314	123.08	ng		0.00
23) Nitrobenzene-d5	9.16	82	135335	61.16	ng		-0.02
42) 2,4,6-Tribromophenol	16.13	330	168000	106.37	ng		0.00
45) 2-Fluorobiphenyl	13.25	172	365761	60.90	ng		-0.01
79) Terphenyl-d14	19.99	244	735417	61.49	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.46	88	20488	34.700	ng	#	95
3) Pyridine	3.86	79	46799	31.421	ng		95
4) n-Nitrosodimethylamine	3.78	42	33521	44.602	ng	#	81
6) Aniline	7.33	93	73223	29.159	ng		94
8) 2-Chlorophenol	7.58	128	80648	48.219	ng		99
9) Benzaldehyde	7.14	77	33641	31.402	ng		93
10) Phenol	7.23	94	96434	48.411	ng		98
11) bis(2-Chloroethyl)ether	7.42	93	63364	41.143	ng		95
12) 1,3-Dichlorobenzene	7.88	146	83804	39.992	ng		97
13) 1,4-Dichlorobenzene	8.03	146	86175	40.645	ng		98
14) 1,2-Dichlorobenzene	8.35	146	85407	41.257	ng		98
15) Benzyl Alcohol	8.25	79	69986	45.714	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.52	45	89779	40.090	ng		98
17) 2-Methylphenol	8.47	107	69842	48.095	ng		98
18) Hexachloroethane	9.08	117	29281	38.279	ng		94
19) n-Nitroso-di-n-propylamine	8.80	70	58368	41.436	ng		91
20) 3+4-Methylphenols	8.80	107	91235	45.817	ng		92
22) Acetophenone	8.82	105	117403	40.184	ng	#	93
24) Nitrobenzene	9.20	77	88622	42.040	ng	#	97
25) Isophorone	9.72	82	162267	40.108	ng		98
26) 2-Nitrophenol	9.92	139	45951	45.151	ng		93
27) 2,4-Dimethylphenol	9.99	122	73860	50.635	ng		98
28) bis(2-Chloroethoxy)methane	10.20	93	90163	40.379	ng	#	97
29) 2,4-Dichlorophenol	10.47	162	87129	46.619	ng		96
30) 1,2,4-Trichlorobenzene	10.66	180	94376	40.065	ng		97
31) Naphthalene	10.85	128	247348	42.713	ng		99
32) Benzoic acid	10.18	122	38441	37.056	ng		92
33) 4-Chloroaniline	10.97	127	55901	23.550	ng		97
34) Hexachlorobutadiene	11.14	225	66397	38.131	ng		96
35) Caprolactam	11.74	113	26762m	41.577	ng		
36) 4-Chloro-3-methylphenol	12.12	107	88371	43.348	ng		100
37) 2-Methylnaphthalene	12.46	142	190871	42.957	ng		96
38) 1-Methylnaphthalene	12.68	142	175661	41.551	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.82	216	121357	39.512	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	88501	54.853 ng	98
43) 2,4,6-Trichlorophenol	13.08	196	76916	42.524 ng	96
44) 2,4,5-Trichlorophenol	13.16	196	80621	44.088 ng	98
46) 1,1'-Biphenyl	13.46	154	250824	39.728 ng	98
47) 2-Chloronaphthalene	13.51	162	196308	40.865 ng	99
48) 2-Nitroaniline	13.72	65	59914	41.730 ng	96
49) Acenaphthylene	14.35	152	319853	42.781 ng	99
50) Dimethylphthalate	14.08	163	256197	39.855 ng	100
51) 2,6-Dinitrotoluene	14.20	165	58351	41.783 ng	97
52) Acenaphthene	14.69	154	185951	40.784 ng	96
53) 3-Nitroaniline	14.55	138	41453	30.744 ng	90
54) 2,4-Dinitrophenol	14.75	184	56388	66.057 ng	98
55) Dibenzofuran	15.03	168	308933	41.783 ng	99
56) 4-Nitrophenol	14.90	139	81828	90.562 ng	90
57) 2,4-Dinitrotoluene	15.00	165	83039	41.607 ng	97
58) Fluorene	15.67	166	257325	41.495 ng	98
59) 2,3,4,6-Tetrachlorophenol	15.27	232	79669	41.006 ng	95
60) Diethylphthalate	15.44	149	252513	39.094 ng	98
61) 4-Chlorophenyl-phenylether	15.67	204	147494	40.770 ng	96
62) 4-Nitroaniline	15.71	138	54840	39.383 ng	96
63) Azobenzene	15.96	77	216876	41.488 ng	96
65) 4,6-Dinitro-2-methylphenol	15.76	198	48236	41.294 ng	94
66) n-Nitrosodiphenylamine	15.89	169	229820	41.011 ng	97
67) 4-Bromophenyl-phenylether	16.56	248	103326	38.682 ng	98
68) Hexachlorobenzene	16.68	284	115478	37.662 ng	96
69) Atrazine	16.83	200	96132	49.369 ng	97
70) Pentachlorophenol	17.04	266	91598	65.561 ng	99
71) Phenanthrene	17.42	178	416076	40.936 ng	98
72) Anthracene	17.51	178	423476	41.643 ng	98
73) Carbazole	17.78	167	385968	41.912 ng	98
74) Di-n-butylphthalate	18.33	149	452507	40.497 ng	99
75) Fluoranthene	19.43	202	556157	41.972 ng	100
77) Benzidine	19.62	184	103027	22.815 ng	97
78) Pyrene	19.79	202	563433	40.568 ng	99
80) Butylbenzylphthalate	20.67	149	212453	40.376 ng	94
81) Benzo(a)anthracene	21.62	228	587427	41.795 ng	98
82) 3,3'-Dichlorobenzidine	21.54	252	195899	36.036 ng	100
83) Chrysene	21.69	228	565605	40.503 ng	98
84) Bis(2-ethylhexyl)phthalate	21.52	149	312501	41.809 ng	98
85) Di-n-octyl phthalate	22.71	149	544225	42.916 ng	99
86) Indeno(1,2,3-cd)pyrene	28.45	276	738080	42.106 ng	100
88) Benzo(b)fluoranthene	23.82	252	612296	48.300 ng	99
89) Benzo(k)fluoranthene	23.88	252	631906	49.514 ng	99
90) Benzo(a)pyrene	24.67	252	569900	47.077 ng	100
91) Dibenzo(a,h)anthracene	28.51	278	629776	50.861 ng	98
92) Benzo(g,h,i)perylene	29.58	276	620105	50.770 ng	98

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

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