Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121119\
Data File : BG043799.D
Acq On : 11 Dec 2019 17:31
Operator : JU
Sample : PB125381BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB125381BS

Manual Integrations APPROVED
mohammad
12/12/2019 11:33:41 AM

Quant Time: Dec 12 02:34:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 09 18:16:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	168319	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	822579	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	611875	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	1322574	20.00	ng	0.00
76) Chrysene-d12	21.63	240	1181083	20.00	ng	0.00
87) Perylene-d12	24.78	264	1144814	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	1384437	155.84	ng	0.00
7) Phenol-d6	7.16	99	1909088	149.01	ng	0.00
23) Nitrobenzene-d5	9.16	82	979310	66.85	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	781818	134.03	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	2168899	62.26	ng	0.00
79) Terphenyl-d14	19.99	244	3039764	61.92	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.48	88	139618	33.939	ng	99
3) Pyridine	3.87	79	353133	31.064	ng	99
4) n-Nitrosodimethylamine	3.79	42	244134	44.791	ng	98
6) Aniline	7.32	93	708401	41.788	ng	99
8) 2-Chlorophenol	7.57	128	569131	54.975	ng	95
9) Benzaldehyde	7.13	77	197149	24.619	ng	92
10) Phenol	7.19	94	736009	55.644	ng	100
11) bis(2-Chloroethyl)ether	7.42	93	541246	48.224	ng	98
12) 1,3-Dichlorobenzene	7.89	146	524181	42.251	ng	99
13) 1,4-Dichlorobenzene	8.03	146	532476	42.938	ng	98
14) 1,2-Dichlorobenzene	8.36	146	523152	43.785	ng	99
15) Benzyl Alcohol	8.23	79	540373	53.000	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.53	45	812763	45.184	ng	99
17) 2-Methylphenol	8.44	107	530410	56.176	ng	99
18) Hexachloroethane	9.09	117	196669	43.644	ng	99
19) n-Nitroso-di-n-propylamine	8.81	70	467511	47.731	ng	99
20) 3+4-Methylphenols	8.77	107	735448	55.939	ng	98
22) Acetophenone	8.82	105	822412	40.089	ng	98
24) Nitrobenzene	9.20	77	637065	42.691	ng	98
25) Isophorone	9.73	82	1269095	43.374	ng	99
26) 2-Nitrophenol	9.91	139	285569	48.779	ng	98
27) 2,4-Dimethylphenol	9.97	122	589994	57.063	ng	100
28) bis(2-Chloroethoxy)methane	10.21	93	776944	41.484	ng	98
29) 2,4-Dichlorophenol	10.45	162	624196	49.161	ng	99
30) 1,2,4-Trichlorobenzene	10.67	180	599580	39.892	ng	98
31) Naphthalene	10.85	128	1641528	41.589	ng	98
32) Benzoic acid	10.13	122	385559	51.657	ng	98
33) 4-Chloroaniline	10.95	127	578828	30.247	ng	99
34) Hexachlorobutadiene	11.15	225	348295	38.245	ng	98
35) Caprolactam	11.73	113	246913m	49.552	ng	
36) 4-Chloro-3-methylphenol	12.08	107	668608	48.914	ng	99
37) 2-Methylnaphthalene	12.46	142	1310615	42.841	ng	98
38) 1-Methylnaphthalene	12.68	142	1254152	43.112	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	695875	37.847	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	675405	78.263	ng		99
43) 2,4,6-Trichlorophenol	13.06	196	533246	45.630	ng		100
44) 2,4,5-Trichlorophenol	13.13	196	580848	47.442	ng		99
46) 1,1'-Biphenyl	13.46	154	1647147	39.047	ng		97
47) 2-Chloronaphthalene	13.50	162	1325083	38.424	ng		96
48) 2-Nitroaniline	13.70	65	456406	44.876	ng		96
49) Acenaphthylene	14.35	152	2080688	40.503	ng		94
50) Dimethylphthalate	14.09	163	1764121	40.394	ng		97
51) 2,6-Dinitrotoluene	14.20	165	436004	46.327	ng		98
52) Acenaphthene	14.70	154	1494531	44.224	ng		98
53) 3-Nitroaniline	14.52	138	381910	35.460	ng		97
54) 2,4-Dinitrophenol	14.73	184	373292	91.435	ng		91
55) Dibenzofuran	15.03	168	2007061	40.121	ng		95
56) 4-Nitrophenol	14.83	139	786645	100.116	ng		99
57) 2,4-Dinitrotoluene	14.99	165	602179	47.352	ng		96
58) Fluorene	15.68	166	1638604	40.638	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.26	232	529887m	48.236	ng		
60) Diethylphthalate	15.46	149	1786186	40.946	ng		97
61) 4-Chlorophenyl-phenylether	15.67	204	915466	40.540	ng		97
62) 4-Nitroaniline	15.69	138	461650	41.369	ng		99
63) Azobenzene	15.97	77	1654406	41.282	ng		94
65) 4,6-Dinitro-2-methylphenol	15.75	198	276833	53.015	ng		98
66) n-Nitrosodiphenylamine	15.88	169	1568109	42.659	ng		96
67) 4-Bromophenyl-phenylether	16.57	248	594860	42.069	ng		97
68) Hexachlorobenzene	16.68	284	618747	41.258	ng		96
69) Atrazine	16.84	200	618104	52.745	ng		99
70) Pentachlorophenol	17.02	266	822640	103.120	ng		97
71) Phenanthrene	17.42	178	2528862	40.390	ng		92
72) Anthracene	17.51	178	2568617	41.444	ng	#	90
73) Carbazole	17.77	167	2428100	41.910	ng	#	92
74) Di-n-butylphthalate	18.35	149	2678946	40.335	ng	#	91
75) Fluoranthene	19.42	202	2908834	40.593	ng		88
77) Benzidine	19.59	184	928846	36.048	ng		98
78) Pyrene	19.78	202	2920383	37.836	ng	#	87
80) Butylbenzylphthalate	20.68	149	1393228	43.340	ng		97
81) Benzo(a)anthracene	21.61	228	2923525	39.219	ng		90
82) 3,3'-Dichlorobenzidine	21.52	252	1163329	42.246	ng		97
83) Chrysene	21.61	228	2923525	41.165	ng		95
84) Bis(2-ethylhexyl)phthalate	21.54	149	1896548	41.132	ng	#	94
85) Di-n-octyl phthalate	22.74	149	3235023	42.916	ng		96
86) Indeno(1,2,3-cd)pyrene	28.38	276	3867005	42.541	ng		98
88) Benzo(b)fluoranthene	23.79	252	3162848	47.985	ng		96
89) Benzo(k)fluoranthene	23.86	252	3044082	47.808	ng		94
90) Benzo(a)pyrene	24.64	252	2957485	47.082	ng		97
91) Dibenzo(a,h)anthracene	28.45	278	3165859	50.458	ng		97
92) Benzo(g,h,i)perylene	29.50	276	3203110	51.734	ng		97

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

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