Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112519\
Data File : BG043775.D
Acq On : 25 Nov 2019 18:52
Operator : JU
Sample : PB125036BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB125036BS

Manual Integrations APPROVED
mohammad
11/26/2019 12:48:51 PM

Quant Time: Nov 26 00:53:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG112219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 23 00:54:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	29614	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	191301	20.00	ng		0.00
39) Acenaphthene-d10	14.65	164	188400	20.00	ng		0.00
64) Phenanthrene-d10	17.39	188	591373	20.00	ng		0.00
76) Chrysene-d12	21.66	240	781412	20.00	ng		0.00
87) Perylene-d12	24.84	264	727957	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	226956	137.78	ng		0.00
7) Phenol-d6	7.18	99	256340	107.05	ng		0.00
23) Nitrobenzene-d5	9.18	82	327347	94.08	ng		0.00
42) 2,4,6-Tribromophenol	16.13	330	374493	164.80	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	992906	86.63	ng		0.00
79) Terphenyl-d14	20.01	244	2768663	80.06	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	13301	18.211	ng	#	91
3) Pyridine	3.91	79	43207	21.010	ng		97
4) n-Nitrosodimethylamine	3.82	42	28153	27.558	ng		89
6) Aniline	7.34	93	103234	33.083	ng		94
8) 2-Chlorophenol	7.59	128	132702	70.632	ng		96
9) Benzaldehyde	7.16	77	63526	44.413	ng		96
10) Phenol	7.20	94	89038	36.221	ng		98
11) bis(2-Chloroethyl)ether	7.44	93	120045	58.514	ng		94
12) 1,3-Dichlorobenzene	7.92	146	100895	45.619	ng		97
13) 1,4-Dichlorobenzene	8.06	146	102532	45.770	ng		99
14) 1,2-Dichlorobenzene	8.38	146	107920	50.915	ng		99
15) Benzyl Alcohol	8.25	79	119682	59.839	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.55	45	187582	53.166	ng		98
17) 2-Methylphenol	8.46	107	123807	70.444	ng		95
18) Hexachloroethane	9.12	117	35512	41.994	ng		98
19) n-Nitroso-di-n-propylamine	8.82	70	129202	68.612	ng	#	95
20) 3+4-Methylphenols	8.78	107	169407	69.091	ng		98
22) Acetophenone	8.84	105	232604	45.876	ng	#	95
24) Nitrobenzene	9.22	77	168335	47.069	ng		99
25) Isophorone	9.75	82	394881	52.930	ng		98
26) 2-Nitrophenol	9.93	139	65613	50.851	ng		98
27) 2,4-Dimethylphenol	9.99	122	160111	63.195	ng		94
28) bis(2-Chloroethoxy)methane	10.23	93	221471	48.165	ng		99
29) 2,4-Dichlorophenol	10.47	162	184940	60.044	ng		98
30) 1,2,4-Trichlorobenzene	10.69	180	147609	40.896	ng		99
31) Naphthalene	10.88	128	467700	49.285	ng		98
32) Benzoic acid	10.07	122	51049	27.940	ng		95
33) 4-Chloroaniline	10.97	127	128415	28.087	ng		96
34) Hexachlorobutadiene	11.18	225	75296	31.725	ng		97
35) Caprolactam	11.78	113	24891m	19.874	ng		
36) 4-Chloro-3-methylphenol	12.09	107	234479	67.740	ng		100
37) 2-Methylnaphthalene	12.48	142	417834	58.428	ng		97
38) 1-Methylnaphthalene	12.70	142	401558	59.165	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	220849	36.840	ng		98

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	173020	53.420	ng		97
43) 2,4,6-Trichlorophenol	13.08	196	184566	47.870	ng		97
44) 2,4,5-Trichlorophenol	13.15	196	215174	53.646	ng		98
46) 1,1'-Biphenyl	13.49	154	583090	44.650	ng		98
47) 2-Chloronaphthalene	13.52	162	467125	43.862	ng		98
48) 2-Nitroaniline	13.71	65	172007	55.169	ng		98
49) Acenaphthylene	14.37	152	854662	51.008	ng		98
50) Dimethylphthalate	14.11	163	761059	50.994	ng		99
51) 2,6-Dinitrotoluene	14.21	165	170365	61.469	ng		98
52) Acenaphthene	14.71	154	551798	51.496	ng		99
53) 3-Nitroaniline	14.54	138	120898	37.346	ng		97
54) 2,4-Dinitrophenol	14.74	184	95556	84.386	ng	#	76
55) Dibenzofuran	15.05	168	856603	51.315	ng		99
56) 4-Nitrophenol	14.84	139	216834	79.520	ng		88
57) 2,4-Dinitrotoluene	15.00	165	259529	67.521	ng	#	95
58) Fluorene	15.70	166	729978	53.324	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.27	232	232021	57.593	ng	#	86
60) Diethylphthalate	15.48	149	824713	56.441	ng		99
61) 4-Chlorophenyl-phenylether	15.69	204	375110	49.768	ng		98
62) 4-Nitroaniline	15.70	138	238299	64.195	ng		90
63) Azobenzene	15.99	77	750825	53.451	ng		98
65) 4,6-Dinitro-2-methylphenol	15.76	198	96872	45.371	ng		93
66) n-Nitrosodiphenylamine	15.90	169	710476	45.376	ng		97
67) 4-Bromophenyl-phenylether	16.59	248	263487	42.250	ng		96
68) Hexachlorobenzene	16.70	284	283074	41.520	ng	#	92
69) Atrazine	16.86	200	339716	54.137	ng		96
70) Pentachlorophenol	17.04	266	421572	101.335	ng		97
71) Phenanthrene	17.44	178	1430265	48.878	ng		97
72) Anthracene	17.53	178	1475907	49.931	ng		96
73) Carbazole	17.79	167	1531485	56.274	ng		97
74) Di-n-butylphthalate	18.37	149	1749386	46.672	ng		96
75) Fluoranthene	19.44	202	2072766	49.382	ng		92
77) Benzidine	19.61	184	164509	7.207	ng		96
78) Pyrene	19.80	202	2156336	42.758	ng		94
80) Butylbenzylphthalate	20.70	149	1122785	48.873	ng		97
81) Benzo(a)anthracene	21.64	228	2400572	45.953	ng		93
82) 3,3'-Dichlorobenzidine	21.55	252	539624	27.546	ng		99
83) Chrysene	21.70	228	2267660	45.874	ng		92
84) Bis(2-ethylhexyl)phthalate	21.57	149	1592724	49.273	ng		94
85) Di-n-octyl phthalate	22.78	149	2348949	44.801	ng		99
86) Indeno(1,2,3-cd)pyrene	28.45	276	2469133	42.941	ng		98
88) Benzo(b)fluoranthene	23.84	252	2130962	49.029	ng		95
89) Benzo(k)fluoranthene	23.90	252	2053181m	49.221	ng		
90) Benzo(a)pyrene	24.69	252	1922726	47.045	ng		97
91) Dibenzo(a,h)anthracene	28.52	278	2025701	51.099	ng	#	96
92) Benzo(g,h,i)perylene	29.58	276	2066261	52.854	ng		96

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

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