Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082819\
Data File : BG042532.D
Acq On : 28 Aug 2019 14:38
Operator : HP/JU
Sample : PB122619BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB122619BS

Manual Integrations APPROVED
Jagrut
8/29/2019 7:48:29 PM

Quant Time: Aug 28 15:48:08 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	36495	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	147861	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	110734	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	260985	20.00	ng	0.00
76) Chrysene-d12	21.69	240	277477	20.00	ng	0.00
87) Perylene-d12	24.93	264	324902	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	232269	128.90	ng	0.00
7) Phenol-d6	7.17	99	291036	119.57	ng	0.00
23) Nitrobenzene-d5	9.16	82	149841	70.03	ng	-0.01
42) 2,4,6-Tribromophenol	16.16	330	186489	118.49	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	487700	74.49	ng	0.00
79) Terphenyl-d14	20.02	244	957340	74.59	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.42	88	32855	43.691	ng	99
3) Pyridine	3.82	79	71532	37.096	ng	96
4) n-Nitrosodimethylamine	3.73	42	30823	44.754	ng	97
6) Aniline	7.32	93	104289	32.124	ng	97
8) 2-Chlorophenol	7.57	128	104818	47.997	ng	99
9) Benzaldehyde	7.13	77	61059	50.106	ng	96
10) Phenol	7.20	94	115290	46.586	ng	98
11) bis(2-Chloroethyl)ether	7.41	93	83026	42.717	ng	97
12) 1,3-Dichlorobenzene	7.89	146	117815	42.408	ng	99
13) 1,4-Dichlorobenzene	8.04	146	121713	43.252	ng	99
14) 1,2-Dichlorobenzene	8.36	146	114257	42.398	ng	98
15) Benzyl Alcohol	8.24	79	78138	44.621	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.53	45	105755	40.145	ng	98
17) 2-Methylphenol	8.45	107	82104	45.042	ng	99
18) Hexachloroethane	9.09	117	40450	41.988	ng	92
19) n-Nitroso-di-n-propylamine	8.81	70	63057	39.988	ng	94
20) 3+4-Methylphenols	8.78	107	113027	44.811	ng	98
22) Acetophenone	8.82	105	141942	44.883	ng	98
24) Nitrobenzene	9.20	77	95078	43.881	ng	97
25) Isophorone	9.73	82	177433	42.019	ng	99
26) 2-Nitrophenol	9.93	139	61421	45.235	ng	98
27) 2,4-Dimethylphenol	9.99	122	98011	52.401	ng	98
28) bis(2-Chloroethoxy)methane	10.22	93	113290	42.566	ng	96
29) 2,4-Dichlorophenol	10.47	162	117518	48.023	ng	99
30) 1,2,4-Trichlorobenzene	10.69	180	129942	43.260	ng	98
31) Naphthalene	10.87	128	304870	44.411	ng	99
32) Benzoic acid	10.14	122	49404	38.370	ng	99
33) 4-Chloroaniline	10.98	127	80780	25.491	ng	97
34) Hexachlorobutadiene	11.16	225	85178	42.195	ng	98
35) Caprolactam	11.75	113	34751m	42.558	ng	
36) 4-Chloro-3-methylphenol	12.11	107	105781	45.535	ng	99
37) 2-Methylnaphthalene	12.48	142	244966	44.441	ng	99
38) 1-Methylnaphthalene	12.70	142	227725	43.494	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	159767	44.928	ng	100

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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	12.84	237	190706	102.093 ng		98
43) 2,4,6-Trichlorophenol	13.09	196	107287	44.635 ng		96
44) 2,4,5-Trichlorophenol	13.17	196	115883	46.523 ng		98
46) 1,1'-Biphenyl	13.49	154	325591	45.487 ng		98
47) 2-Chloronaphthalene	13.53	162	266239	43.136 ng		100
48) 2-Nitroaniline	13.73	65	61045	41.015 ng		95
49) Acenaphthylene	14.38	152	421570	45.400 ng		100
50) Dimethylphthalate	14.11	163	344431	43.108 ng		100
51) 2,6-Dinitrotoluene	14.23	165	82291	44.434 ng		98
52) Acenaphthene	14.72	154	245094	43.469 ng		99
53) 3-Nitroaniline	14.56	138	53675	28.979 ng		97
54) 2,4-Dinitrophenol	14.78	184	100600	80.537 ng		94
55) Dibenzofuran	15.06	168	419854	44.985 ng		98
56) 4-Nitrophenol	14.89	139	118538	90.067 ng		95
57) 2,4-Dinitrotoluene	15.03	165	117154	44.175 ng		96
58) Fluorene	15.71	166	339604	44.513 ng		98
59) 2,3,4,6-Tetrachlorophenol	15.29	232	114539m	46.498 ng		
60) Diethylphthalate	15.47	149	336597	43.095 ng		99
61) 4-Chlorophenyl-phenylether	15.70	204	201381	43.788 ng		99
62) 4-Nitroaniline	15.73	138	83747	42.248 ng		98
63) Azobenzene	15.99	77	230595	43.086 ng		98
65) 4,6-Dinitro-2-methylphenol	15.80	198	77228	47.198 ng		96
66) n-Nitrosodiphenylamine	15.91	169	317473	44.233 ng		100
67) 4-Bromophenyl-phenylether	16.60	248	141316	42.688 ng		98
68) Hexachlorobenzene	16.73	284	148495	41.264 ng		99
69) Atrazine	16.86	200	121822	47.997 ng		98
70) Pentachlorophenol	17.07	266	172790	92.410 ng		97
71) Phenanthrene	17.45	178	579540	44.705 ng		99
72) Anthracene	17.55	178	594307	45.923 ng		100
73) Carbazole	17.82	167	525755	45.583 ng		99
74) Di-n-butylphthalate	18.37	149	607879	44.585 ng		100
75) Fluoranthene	19.46	202	766862	48.471 ng		98
77) Benzidine	19.64	184	340260	42.771 ng		99
78) Pyrene	19.83	202	772330	45.399 ng		99
80) Butylbenzylphthalate	20.71	149	284406	42.505 ng		98
81) Benzo(a)anthracene	21.67	228	748712	44.356 ng		98
82) 3,3'-Dichlorobenzidine	21.58	252	212006	31.230 ng		100
83) Chrysene	21.74	228	729300	44.801 ng		99
84) Bis(2-ethylhexyl)phthalate	21.57	149	402129	43.285 ng		99
85) Di-n-octyl phthalate	22.79	149	692329	43.329 ng		99
86) Indeno(1,2,3-cd)pyrene	28.64	276	950668	42.973 ng	#	96
88) Benzo(b)fluoranthene	23.90	252	822900	46.070 ng		99
89) Benzo(k)fluoranthene	23.97	252	794169	46.256 ng		99
90) Benzo(a)pyrene	24.77	252	808683	47.711 ng		99
91) Dibenzo(a,h)anthracene	28.70	278	790213	46.046 ng		98
92) Benzo(g,h,i)perylene	29.79	276	798403	46.516 ng		98

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

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