Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082319\
Data File : BG042428.D
Acq On : 23 Aug 2019 11:04
Operator : HP/JU
Sample : PB122218BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB122218BSD

Manual Integrations APPROVED
Jagrut
8/26/2019 2:01:36 PM

Quant Time: Aug 23 17:42:20 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	8.01	152	103609	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	424009	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	280096	20.00	ng		0.00
64) Phenanthrene-d10	17.42	188	585203	20.00	ng		0.00
76) Chrysene-d12	21.70	240	544587	20.00	ng		0.00
87) Perylene-d12	24.94	264	533718	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	632647	123.67	ng		0.00
7) Phenol-d6	7.17	99	798883	115.61	ng		0.00
23) Nitrobenzene-d5	9.17	82	395136	64.40	ng		0.00
42) 2,4,6-Tribromophenol	16.15	330	328360	82.48	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	1057170	63.83	ng		0.00
79) Terphenyl-d14	20.03	244	1571843	62.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	84211	39.445	ng		97
3) Pyridine	3.82	79	202370	36.967	ng		95
4) n-Nitrosodimethylamine	3.73	42	76696	39.226	ng	#	77
6) Aniline	7.32	93	312674	33.925	ng		98
8) 2-Chlorophenol	7.57	128	275124	44.375	ng		97
9) Benzaldehyde	7.13	77	182235	52.676	ng		97
10) Phenol	7.20	94	320959	45.682	ng		94
11) bis(2-Chloroethyl)ether	7.42	93	244059	44.230	ng		99
12) 1,3-Dichlorobenzene	7.89	146	302619	38.369	ng		100
13) 1,4-Dichlorobenzene	8.04	146	307306	38.466	ng		98
14) 1,2-Dichlorobenzene	8.36	146	290023	37.908	ng		97
15) Benzyl Alcohol	8.25	79	197903	39.807	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.53	45	310160	41.472	ng		97
17) 2-Methylphenol	8.46	107	225265	43.530	ng		94
18) Hexachloroethane	9.10	117	104205	38.101	ng		94
19) n-Nitroso-di-n-propylamine	8.82	70	176671	39.463	ng		99
20) 3+4-Methylphenols	8.79	107	309940	43.282	ng		97
22) Acetophenone	8.83	105	370249	40.827	ng		99
24) Nitrobenzene	9.22	77	257220	41.398	ng		99
25) Isophorone	9.74	82	482816	39.872	ng		97
26) 2-Nitrophenol	9.93	139	161507	41.479	ng		97
27) 2,4-Dimethylphenol	10.00	122	256056	47.740	ng		94
28) bis(2-Chloroethoxy)methane	10.23	93	321531	42.129	ng		99
29) 2,4-Dichlorophenol	10.48	162	278752	39.723	ng		96
30) 1,2,4-Trichlorobenzene	10.69	180	301882	35.048	ng		99
31) Naphthalene	10.88	128	793578	40.312	ng		99
32) Benzoic acid	10.14	122	132603	36.437	ng		98
33) 4-Chloroaniline	10.99	127	192739	21.209	ng		97
34) Hexachlorobutadiene	11.17	225	178738	30.876	ng		98
35) Caprolactam	11.75	113	90358m	38.589	ng		
36) 4-Chloro-3-methylphenol	12.12	107	258140	38.750	ng		97
37) 2-Methylnaphthalene	12.49	142	602578	38.122	ng		98
38) 1-Methylnaphthalene	12.71	142	564814	37.618	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	327507	36.410	ng	#	99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	376213	79.623 ng		100
43) 2,4,6-Trichlorophenol	13.10	196	228876	37.644 ng		97
44) 2,4,5-Trichlorophenol	13.18	196	243448	38.639 ng		95
46) 1,1'-Biphenyl	13.49	154	764864	42.245 ng		97
47) 2-Chloronaphthalene	13.54	162	610081	39.078 ng		96
48) 2-Nitroaniline	13.74	65	147351	39.140 ng		97
49) Acenaphthylene	14.39	152	958026	40.789 ng		97
50) Dimethylphthalate	14.12	163	738801	36.556 ng		100
51) 2,6-Dinitrotoluene	14.23	165	183471	39.166 ng		96
52) Acenaphthene	14.73	154	563155	39.486 ng		99
53) 3-Nitroaniline	14.56	138	130150	27.780 ng		95
54) 2,4-Dinitrophenol	14.78	184	182674	59.582 ng		95
55) Dibenzofuran	15.06	168	906685	38.406 ng		98
56) 4-Nitrophenol	14.89	139	291963	87.702 ng		89
57) 2,4-Dinitrotoluene	15.03	165	253526	37.794 ng		97
58) Fluorene	15.71	166	739448	38.317 ng		98
59) 2,3,4,6-Tetrachlorophenol	15.30	232	222668m	35.737 ng		
60) Diethylphthalate	15.48	149	724354	36.664 ng		99
61) 4-Chlorophenyl-phenylether	15.70	204	400777	34.452 ng		98
62) 4-Nitroaniline	15.73	138	197779	39.445 ng		90
63) Azobenzene	16.00	77	572636	42.300 ng		94
65) 4,6-Dinitro-2-methylphenol	15.80	198	149496	40.746 ng		93
66) n-Nitrosodiphenylamine	15.92	169	677570	42.102 ng		97
67) 4-Bromophenyl-phenylether	16.60	248	265166	35.723 ng		97
68) Hexachlorobenzene	16.72	284	270526	33.525 ng	#	91
69) Atrazine	16.87	200	236771	41.603 ng		98
70) Pentachlorophenol	17.07	266	321787	76.750 ng		98
71) Phenanthrene	17.46	178	1172505	40.337 ng		97
72) Anthracene	17.55	178	1196314	41.226 ng		97
73) Carbazole	17.82	167	1125611	43.523 ng		98
74) Di-n-butylphthalate	18.38	149	1276775	41.763 ng		98
75) Fluoranthene	19.47	202	1387883	39.122 ng		95
77) Benzidine	19.64	184	921265	59.004 ng		99
78) Pyrene	19.83	202	1391828	41.686 ng		95
80) Butylbenzylphthalate	20.71	149	578046	44.017 ng		97
81) Benzo(a)anthracene	21.68	228	1299904	39.239 ng		98
82) 3,3'-Dichlorobenzidine	21.58	252	365416	27.426 ng	#	97
83) Chrysene	21.74	228	1263519	39.548 ng		96
84) Bis(2-ethylhexyl)phthalate	21.58	149	804233	44.107 ng		99
85) Di-n-octyl phthalate	22.80	149	1140450	36.366 ng		100
86) Indeno(1,2,3-cd)pyrene	28.65	276	1358474	31.288 ng	#	93
88) Benzo(b)fluoranthene	23.91	252	1188606	40.509 ng	#	98
89) Benzo(k)fluoranthene	23.98	252	1138881	40.380 ng		98
90) Benzo(a)pyrene	24.79	252	1169248	41.994 ng	#	98
91) Dibenzo(a,h)anthracene	28.72	278	1127844	40.007 ng		98
92) Benzo(g,h,i)perylene	29.81	276	1127805	40.000 ng		97

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

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