Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102319\
Data File : BG043311.D
Acq On : 23 Oct 2019 16:45
Operator : JU
Sample : PB124212BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB124212BS

Manual Integrations APPROVED
mohammad
10/24/2019 2:11:38 PM

Quant Time: Oct 24 06:56:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 16:37:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	29615	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	116467	20.00	ng		0.00
39) Acenaphthene-d10	14.65	164	88363	20.00	ng		0.00
64) Phenanthrene-d10	17.40	188	223512	20.00	ng		0.00
76) Chrysene-d12	21.67	240	264870	20.00	ng		0.00
87) Perylene-d12	24.87	264	279473	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	203292	125.79	ng		0.00
7) Phenol-d6	7.20	99	280944	120.82	ng		0.00
23) Nitrobenzene-d5	9.19	82	145745	64.51	ng		0.00
42) 2,4,6-Tribromophenol	16.14	330	202719	120.55	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	399578	62.49	ng		0.00
79) Terphenyl-d14	20.00	244	919092	65.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	26624	42.274	ng	#	95
3) Pyridine	3.89	79	60058	37.803	ng		98
4) n-Nitrosodimethylamine	3.80	42	37304	46.533	ng	#	97
6) Aniline	7.35	93	88474	33.030	ng		98
8) 2-Chlorophenol	7.60	128	83384	46.739	ng		93
9) Benzaldehyde	7.16	77	49238	43.088	ng		92
10) Phenol	7.23	94	100910	47.492	ng		98
11) bis(2-Chloroethyl)ether	7.44	93	73374	44.665	ng		97
12) 1,3-Dichlorobenzene	7.91	146	90782	40.614	ng		99
13) 1,4-Dichlorobenzene	8.06	146	93442	41.318	ng		96
14) 1,2-Dichlorobenzene	8.38	146	89859	40.695	ng		95
15) Benzyl Alcohol	8.27	79	71349	43.691	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.55	45	98106	41.071	ng		98
17) 2-Methylphenol	8.48	107	70188	45.312	ng		96
18) Hexachloroethane	9.11	117	32676	40.047	ng		82
19) n-Nitroso-di-n-propylamine	8.83	70	61539	40.957	ng		97
20) 3+4-Methylphenols	8.81	107	97209m	45.766	ng		
22) Acetophenone	8.85	105	119331	40.009	ng		96
24) Nitrobenzene	9.23	77	93987	43.673	ng		97
25) Isophorone	9.75	82	177397	42.951	ng		99
26) 2-Nitrophenol	9.95	139	47965	46.166	ng		91
27) 2,4-Dimethylphenol	10.00	122	78076	52.431	ng		97
28) bis(2-Chloroethoxy)methane	10.23	93	94749	41.565	ng		92
29) 2,4-Dichlorophenol	10.49	162	88909	46.598	ng		96
30) 1,2,4-Trichlorobenzene	10.69	180	99306	41.296	ng		97
31) Naphthalene	10.88	128	258201	43.676	ng		98
32) Benzoic acid	10.15	122	32952	32.566	ng		89
33) 4-Chloroaniline	11.00	127	58463	24.125	ng	#	95
34) Hexachlorobutadiene	11.17	225	71654	40.308	ng		97
35) Caprolactam	11.76	113	30726m	46.759	ng		
36) 4-Chloro-3-methylphenol	12.12	107	94398	45.357	ng		100
37) 2-Methylnaphthalene	12.48	142	201027	44.318	ng		94
38) 1-Methylnaphthalene	12.70	142	189223	43.843	ng		96
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	127909	39.114	ng		98

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 16:37:43 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	148985	86.728	ng		95
43) 2,4,6-Trichlorophenol	13.09	196	86701	45.020	ng		92
44) 2,4,5-Trichlorophenol	13.17	196	91530	47.011	ng		98
46) 1,1'-Biphenyl	13.49	154	274755	40.873	ng		98
47) 2-Chloronaphthalene	13.53	162	212160	41.480	ng		98
48) 2-Nitroaniline	13.74	65	65409	42.788	ng		97
49) Acenaphthylene	14.38	152	352931	44.336	ng		100
50) Dimethylphthalate	14.11	163	297023	43.397	ng		100
51) 2,6-Dinitrotoluene	14.22	165	67445	45.359	ng		93
52) Acenaphthene	14.72	154	209861	43.231	ng		97
53) 3-Nitroaniline	14.56	138	44874	31.258	ng		90
54) 2,4-Dinitrophenol	14.76	184	79605	85.212	ng		91
55) Dibenzofuran	15.05	168	346437	44.007	ng		98
56) 4-Nitrophenol	14.88	139	103246	107.321	ng		90
57) 2,4-Dinitrotoluene	15.02	165	97376	45.825	ng		96
58) Fluorene	15.70	166	296538	44.912	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.28	232	97670	47.216	ng	#	99
60) Diethylphthalate	15.47	149	304153	44.227	ng		99
61) 4-Chlorophenyl-phenylether	15.69	204	169342	43.964	ng		98
62) 4-Nitroaniline	15.73	138	64723	43.655	ng		93
63) Azobenzene	15.99	77	251974	45.272	ng		97
65) 4,6-Dinitro-2-methylphenol	15.77	198	58282	44.308	ng		95
66) n-Nitrosodiphenylamine	15.90	169	268736	42.587	ng		95
67) 4-Bromophenyl-phenylether	16.59	248	120434	40.038	ng		98
68) Hexachlorobenzene	16.71	284	136512	39.537	ng		99
69) Atrazine	16.86	200	120382	54.901	ng		92
70) Pentachlorophenol	17.06	266	157495	100.105	ng		97
71) Phenanthrene	17.44	178	488132	42.648	ng		99
72) Anthracene	17.53	178	501700	43.811	ng		98
73) Carbazole	17.80	167	468166	45.146	ng		98
74) Di-n-butylphthalate	18.35	149	558043	44.350	ng		98
75) Fluoranthene	19.45	202	673614	45.144	ng		99
77) Benzidine	19.63	184	177118	33.227	ng		98
78) Pyrene	19.81	202	695977	42.450	ng		99
80) Butylbenzylphthalate	20.69	149	257422	41.443	ng		98
81) Benzo(a)anthracene	21.65	228	720865	43.448	ng		98
82) 3,3'-Dichlorobenzidine	21.56	252	232891	36.292	ng		97
83) Chrysene	21.71	228	700391	42.487	ng		99
84) Bis(2-ethylhexyl)phthalate	21.55	149	377575	42.792	ng		98
85) Di-n-octyl phthalate	22.75	149	651368	43.513	ng		99
86) Indeno(1,2,3-cd)pyrene	28.51	276	889071	42.966	ng		99
88) Benzo(b)fluoranthene	23.85	252	766215	48.407	ng		97
89) Benzo(k)fluoranthene	23.92	252	763030	47.885	ng		99
90) Benzo(a)pyrene	24.72	252	700653	46.355	ng		98
91) Dibenzo(a,h)anthracene	28.57	278	759777	49.143	ng		98
92) Benzo(g,h,i)perylene	29.65	276	758199	49.717	ng		98

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

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