Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031720\
Data File : BG044853.D
Acq On : 18 Mar 2020 4:24
Operator : CG/JU
Sample : SP5092
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP5092

Manual Integrations APPROVED
mohammad
3/18/2020 4:00:28 PM

Quant Time: Mar 18 05:14:18 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 16 17:37:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	78565	20.00	ng		0.00
21) Naphthalene-d8	10.85	136	315245	20.00	ng		-0.01
39) Acenaphthene-d10	14.68	164	211809	20.00	ng		0.00
64) Phenanthrene-d10	17.42	188	497604	20.00	ng		0.00
76) Chrysene-d12	21.69	240	434219	20.00	ng		-0.01
87) Perylene-d12	24.90	264	504001	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	0.00	112	0	0.00	ng		
7) Phenol-d6	0.00	99	0d	0.00	ng		
23) Nitrobenzene-d5	0.00	82	0d	0.00	ng		
42) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng		
45) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng		
79) Terphenyl-d14	0.00	244	0d	0.00	ng		
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	108535	44.658	ng		98
3) Pyridine	3.90	79	293813	40.837	ng		95
4) n-Nitrosodimethylamine	3.82	42	130263	47.718	ng		90
6) Aniline	7.37	93	377993	41.427	ng		98
8) 2-Chlorophenol	7.61	128	299651	59.477	ng		99
9) Benzaldehyde	7.17	77	269447	81.141	ng		96
10) Phenol	7.23	94	410733	56.577	ng		98
11) bis(2-Chloroethyl)ether	7.46	93	283499	48.931	ng		98
12) 1,3-Dichlorobenzene	7.94	146	314115	50.613	ng		99
13) 1,4-Dichlorobenzene	8.08	146	312850	50.989	ng		99
14) 1,2-Dichlorobenzene	8.40	146	300400	51.623	ng		96
15) Benzyl Alcohol	8.28	79	298082	50.665	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.58	45	416897	40.774	ng		99
17) 2-Methylphenol	8.49	107	266844	54.263	ng		98
18) Hexachloroethane	9.13	117	122165	50.573	ng		91
19) n-Nitroso-di-n-propylamine	8.85	70	233640	45.124	ng		98
20) 3+4-Methylphenols	8.81	107	370738	54.690	ng		97
22) Acetophenone	8.86	105	426751	47.784	ng		99
24) Nitrobenzene	9.25	77	366140	49.118	ng		97
25) Isophorone	9.77	82	649933	46.354	ng	#	97
26) 2-Nitrophenol	9.96	139	158150	59.605	ng		100
27) 2,4-Dimethylphenol	10.02	122	262574	57.506	ng		97
28) bis(2-Chloroethoxy)methane	10.26	93	381666	45.613	ng		100
29) 2,4-Dichlorophenol	10.50	162	296144	55.529	ng		99
30) 1,2,4-Trichlorobenzene	10.71	180	312585	49.018	ng		96
31) Naphthalene	10.90	128	865661	49.571	ng		99
32) Benzoic acid	10.17	122	186590	51.559	ng		97
33) 4-Chloroaniline	11.00	127	220544	28.032	ng		96
34) Hexachlorobutadiene	11.20	225	205959	49.113	ng		97
35) Caprolactam	11.77	113	104387m	51.696	ng		
36) 4-Chloro-3-methylphenol	12.12	107	334846	52.644	ng		99
37) 2-Methylnaphthalene	12.51	142	645416	49.408	ng		96
38) 1-Methylnaphthalene	12.72	142	608678	49.563	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	343719	49.275	ng		99

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Quant Time: Mar 18 05:14:18 2020
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 16 17:37:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	438892	115.130 ng		98
43) 2,4,6-Trichlorophenol	13.11	196	253009	54.654 ng		98
44) 2,4,5-Trichlorophenol	13.18	196	267426	55.703 ng		94
46) 1,1'-Biphenyl	13.51	154	811418	47.939 ng		99
47) 2-Chloronaphthalene	13.55	162	624244	48.278 ng		98
48) 2-Nitroaniline	13.75	65	230750	50.975 ng		98
49) Acenaphthylene	14.40	152	1019956	50.351 ng		99
50) Dimethylphthalate	14.13	163	810817	48.064 ng		99
51) 2,6-Dinitrotoluene	14.24	165	190385	55.989 ng		96
52) Acenaphthene	14.75	154	736523	55.518 ng		99
53) 3-Nitroaniline	14.57	138	141648	36.233 ng		98
54) 2,4-Dinitrophenol	14.77	184	196972	107.643 ng		94
55) Dibenzofuran	15.07	168	970452	50.444 ng		99
56) 4-Nitrophenol	14.88	139	334764	112.201 ng		94
57) 2,4-Dinitrotoluene	15.03	165	264253	56.663 ng		99
58) Fluorene	15.73	166	806891	50.987 ng		100
59) 2,3,4,6-Tetrachlorophenol	15.30	232	255496m	57.804 ng		
60) Diethylphthalate	15.50	149	832426	47.311 ng		98
61) 4-Chlorophenyl-phenylether	15.72	204	425216	49.900 ng		97
62) 4-Nitroaniline	15.74	138	200069	47.993 ng		98
63) Azobenzene	16.01	77	857821	46.949 ng		98
65) 4,6-Dinitro-2-methylphenol	15.80	198	146885	60.356 ng		98
66) n-Nitrosodiphenylamine	15.93	169	727843	48.583 ng		98
67) 4-Bromophenyl-phenylether	16.61	248	297405	47.808 ng		99
68) Hexachlorobenzene	16.74	284	328002	48.601 ng		99
69) Atrazine	16.88	200	299608	54.586 ng		98
70) Pentachlorophenol	17.08	266	411730	110.879 ng		99
71) Phenanthrene	17.47	178	1286712	48.389 ng		99
72) Anthracene	17.56	178	1319256	50.314 ng		98
73) Carbazole	17.82	167	1247566	49.533 ng		99
74) Di-n-butylphthalate	18.39	149	1453484	47.473 ng		100
75) Fluoranthene	19.47	202	1588127	50.160 ng		98
77) Benzidine	19.65	184	1155461	81.968 ng		100
78) Pyrene	19.83	202	1559401	48.950 ng		97
80) Butylbenzylphthalate	20.72	149	687977	48.543 ng		98
81) Benzo(a)anthracene	21.67	228	1513846	48.417 ng		99
82) 3,3'-Dichlorobenzidine	21.58	252	380269	31.437 ng		96
83) Chrysene	21.74	228	1449957	48.547 ng		99
84) Bis(2-ethylhexyl)phthalate	21.60	149	937128	47.911 ng		99
85) Di-n-octyl phthalate	22.81	149	1591015	48.608 ng		99
86) Indeno(1,2,3-cd)pyrene	28.55	276	1912224	48.836 ng	#	97
88) Benzo(b)fluoranthene	23.89	252	1642565	49.366 ng		98
89) Benzo(k)fluoranthene	23.95	252	1524710	48.423 ng		100
90) Benzo(a)pyrene	24.75	252	1488644	47.814 ng		98
91) Dibenzo(a,h)anthracene	28.62	278	1552274	50.538 ng		97
92) Benzo(g,h,i)perylene	29.69	276	1560692	50.292 ng		98

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

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