Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022120\
Data File : BG044544.D
Acq On : 21 Feb 2020 11:40
Operator : CG/JU
Sample : PB126914BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB126914BS

Manual Integrations APPROVED
mohammad
2/24/2020 3:30:17 PM

Quant Time: Feb 21 16:18:06 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 21 16:02:12 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	51607	20.00	ng		0.00
21) Naphthalene-d8	10.68	136	224338	20.00	ng		0.00
39) Acenaphthene-d10	14.52	164	156340	20.00	ng		0.00
64) Phenanthrene-d10	17.27	188	357712	20.00	ng		0.00
76) Chrysene-d12	21.51	240	343320	20.00	ng		0.00
87) Perylene-d12	24.58	264	360351	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	394334	134.85	ng		0.00
7) Phenol-d6	7.05	99	541346	137.86	ng		0.00
23) Nitrobenzene-d5	9.03	82	281368	70.81	ng		0.00
42) 2,4,6-Tribromophenol	16.01	330	239387	130.43	ng		0.00
45) 2-Fluorobiphenyl	13.14	172	697711	74.73	ng		0.00
79) Terphenyl-d14	19.88	244	1221317	73.17	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.33	88	49765	37.878	ng		99
3) Pyridine	3.73	79	118426	33.833	ng		96
4) n-Nitrosodimethylamine	3.64	42	58586	40.054	ng		96
6) Aniline	7.20	93	168611	34.593	ng		99
8) 2-Chlorophenol	7.45	128	158868	49.434	ng		98
9) Benzaldehyde	7.01	77	68789	30.759	ng		92
10) Phenol	7.08	94	195261	50.245	ng		96
11) bis(2-Chloroethyl)ether	7.30	93	142293	42.829	ng		98
12) 1,3-Dichlorobenzene	7.77	146	159486	41.564	ng		99
13) 1,4-Dichlorobenzene	7.91	146	161361	42.459	ng		98
14) 1,2-Dichlorobenzene	8.23	146	155158	43.194	ng		98
15) Benzyl Alcohol	8.12	79	129479	46.575	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.41	45	184487	41.026	ng		99
17) 2-Methylphenol	8.33	107	137806	49.701	ng		99
18) Hexachloroethane	8.96	117	58871	41.281	ng		94
19) n-Nitroso-di-n-propylamine	8.68	70	113873	43.513	ng		98
20) 3+4-Methylphenols	8.66	107	189055	49.475	ng		99
22) Acetophenone	8.70	105	216737	39.714	ng	#	98
24) Nitrobenzene	9.08	77	163218	42.074	ng		98
25) Isophorone	9.60	82	321590	43.421	ng		99
26) 2-Nitrophenol	9.79	139	91725	45.568	ng		98
27) 2,4-Dimethylphenol	9.86	122	155154	54.604	ng		99
28) bis(2-Chloroethoxy)methane	10.09	93	202233	40.931	ng		99
29) 2,4-Dichlorophenol	10.33	162	162160	47.198	ng		99
30) 1,2,4-Trichlorobenzene	10.54	180	160323	40.695	ng		99
31) Naphthalene	10.73	128	472895	43.448	ng		100
32) Benzoic acid	10.02	122	42995	30.361	ng		97
33) 4-Chloroaniline	10.84	127	127376	25.732	ng		99
34) Hexachlorobutadiene	11.03	225	93854	38.716	ng		99
35) Caprolactam	11.60	113	62481m	49.644	ng		
36) 4-Chloro-3-methylphenol	11.97	107	172912	48.001	ng		97
37) 2-Methylnaphthalene	12.34	142	361616	44.748	ng		99
38) 1-Methylnaphthalene	12.56	142	341230	44.787	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.71	216	182611	39.047	ng		98

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Quant Time: Feb 21 16:18:06 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 21 16:02:12 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.70	237	177496	79.098 ng	98
43) 2,4,6-Trichlorophenol	12.95	196	130689	43.234 ng	99
44) 2,4,5-Trichlorophenol	13.04	196	141254	45.750 ng	97
46) 1,1'-Biphenyl	13.35	154	463808	41.129 ng	98
47) 2-Chloronaphthalene	13.39	162	361231	40.255 ng	97
48) 2-Nitroaniline	13.59	65	107798	40.705 ng	98
49) Acenaphthylene	14.24	152	582812	44.280 ng	99
50) Dimethylphthalate	13.98	163	481414	42.837 ng	99
51) 2,6-Dinitrotoluene	14.09	165	109482	43.693 ng	98
52) Acenaphthene	14.59	154	356700	41.811 ng	98
53) 3-Nitroaniline	14.42	138	79539	28.691 ng	99
54) 2,4-Dinitrophenol	14.63	184	126122	84.473 ng	97
55) Dibenzofuran	14.92	168	562663	43.561 ng	97
56) 4-Nitrophenol	14.75	139	192796	94.942 ng	99
57) 2,4-Dinitrotoluene	14.89	165	153958	43.838 ng	100
58) Fluorene	15.57	166	454458	44.671 ng	100
59) 2,3,4,6-Tetrachlorophenol	15.16	232	128459	46.061 ng	99
60) Diethylphthalate	15.34	149	486876	43.479 ng	99
61) 4-Chlorophenyl-phenylether	15.56	204	239196	43.363 ng	98
62) 4-Nitroaniline	15.59	138	110468	39.879 ng	97
63) Azobenzene	15.86	77	425974	43.404 ng	99
65) 4,6-Dinitro-2-methylphenol	15.66	198	95231	48.229 ng	96
66) n-Nitrosodiphenylamine	15.78	169	426133	42.508 ng	99
67) 4-Bromophenyl-phenylether	16.46	248	159785	41.000 ng	97
68) Hexachlorobenzene	16.58	284	177720	40.704 ng	97
69) Atrazine	16.73	200	167011	48.607 ng	100
70) Pentachlorophenol	16.93	266	181377	82.064 ng	99
71) Phenanthrene	17.31	178	751701	43.397 ng	98
72) Anthracene	17.40	178	775160	45.264 ng	98
73) Carbazole	17.67	167	707815	44.834 ng	100
74) Di-n-butylphthalate	18.24	149	888666	45.550 ng	98
75) Fluoranthene	19.32	202	943953	47.108 ng	98
77) Benzidine	19.50	184	385910	40.525 ng	97
78) Pyrene	19.68	202	954550	43.294 ng	97
80) Butylbenzylphthalate	20.57	149	413684	41.173 ng	98
81) Benzo(a)anthracene	21.49	228	921277	43.540 ng	98
82) 3,3'-Dichlorobenzidine	21.41	252	281732	34.307 ng	96
83) Chrysene	21.56	228	868145	42.447 ng	97
84) Bis(2-ethylhexyl)phthalate	21.41	149	578868	41.857 ng	98
85) Di-n-octyl phthalate	22.57	149	1035814	43.288 ng	98
86) Indeno(1,2,3-cd)pyrene	28.06	276	1108957	41.560 ng	99
88) Benzo(b)fluoranthene	23.61	252	949381	45.721 ng	99
89) Benzo(k)fluoranthene	23.68	252	967683	47.815 ng	99
90) Benzo(a)pyrene	24.44	252	891571	45.412 ng	99
91) Dibenzo(a,h)anthracene	28.12	278	915020	47.093 ng	98
92) Benzo(g,h,i)perylene	29.15	276	932838	47.959 ng	99

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

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