Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012020\
Data File : BG044103.D
Acq On : 20 Jan 2020 18:22
Operator : JU
Sample : PB126194BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB126194BSD

Manual Integrations APPROVED
mohammad
1/21/2020 2:25:26 PM

Quant Time: Jan 21 06:37:25 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	78322	20.00	ng		-0.03
21) Naphthalene-d8	10.73	136	338903	20.00	ng		-0.04
39) Acenaphthene-d10	14.57	164	228842	20.00	ng		-0.03
64) Phenanthrene-d10	17.31	188	498144	20.00	ng		-0.02
76) Chrysene-d12	21.56	240	420013	20.00	ng		-0.03
87) Perylene-d12	24.67	264	483732	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	637879	149.54	ng		-0.03
7) Phenol-d6	7.11	99	858940	144.06	ng		-0.02
23) Nitrobenzene-d5	9.09	82	449349	70.93	ng		-0.04
42) 2,4,6-Tribromophenol	16.06	330	335921	140.27	ng		-0.02
45) 2-Fluorobiphenyl	13.19	172	1035841	82.01	ng		-0.03
79) Terphenyl-d14	19.93	244	1498321	86.38	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.39	88	95852	51.536	ng		97
3) Pyridine	3.79	79	193498	35.217	ng		93
4) n-Nitrosodimethylamine	3.70	42	99498	40.674	ng		99
6) Aniline	7.25	93	261756	33.423	ng		98
8) 2-Chlorophenol	7.50	128	247892	49.502	ng		97
9) Benzaldehyde	7.06	77	121949	31.956	ng		96
10) Phenol	7.13	94	305512	49.731	ng		99
11) bis(2-Chloroethyl)ether	7.35	93	223040	42.060	ng		100
12) 1,3-Dichlorobenzene	7.82	146	247399	42.218	ng		97
13) 1,4-Dichlorobenzene	7.97	146	250140	43.262	ng		97
14) 1,2-Dichlorobenzene	8.29	146	237495	42.793	ng		99
15) Benzyl Alcohol	8.17	79	208356	44.276	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.46	45	301904	36.799	ng		98
17) 2-Methylphenol	8.38	107	218986	49.258	ng		98
18) Hexachloroethane	9.02	117	92800	41.247	ng		96
19) n-Nitroso-di-n-propylamine	8.74	70	180267	40.597	ng	#	97
20) 3+4-Methylphenols	8.71	107	300761	48.495	ng		97
22) Acetophenone	8.75	105	336415	39.929	ng	#	98
24) Nitrobenzene	9.13	77	258253	41.159	ng		97
25) Isophorone	9.66	82	499604	42.035	ng		100
26) 2-Nitrophenol	9.84	139	140478	47.322	ng		99
27) 2,4-Dimethylphenol	9.91	122	244790	54.781	ng		99
28) bis(2-Chloroethoxy)methane	10.14	93	318952	40.253	ng		99
29) 2,4-Dichlorophenol	10.38	162	252240	47.323	ng		99
30) 1,2,4-Trichlorobenzene	10.60	180	244661	40.937	ng		98
31) Naphthalene	10.78	128	729833	44.502	ng		99
32) Benzoic acid	10.06	122	118534	34.586	ng		97
33) 4-Chloroaniline	10.89	127	177088	22.639	ng		98
34) Hexachlorobutadiene	11.08	225	139414	38.206	ng		98
35) Caprolactam	11.65	113	93540m	47.141	ng		
36) 4-Chloro-3-methylphenol	12.02	107	273049	48.120	ng		98
37) 2-Methylnaphthalene	12.39	142	556766	45.093	ng		97
38) 1-Methylnaphthalene	12.61	142	530304	45.317	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	263015	39.213	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.75	237	353540	101.669 ng	98
43) 2,4,6-Trichlorophenol	13.00	196	203834	44.166 ng	99
44) 2,4,5-Trichlorophenol	13.08	196	218547	45.913 ng	99
46) 1,1'-Biphenyl	13.40	154	709131	43.220 ng	98
47) 2-Chloronaphthalene	13.45	162	551488	41.596 ng	98
48) 2-Nitroaniline	13.64	65	168729	39.563 ng	98
49) Acenaphthylene	14.29	152	886899	46.541 ng	97
50) Dimethylphthalate	14.03	163	711015	43.758 ng	98
51) 2,6-Dinitrotoluene	14.14	165	163431	44.500 ng	92
52) Acenaphthene	14.63	154	556627	41.652 ng	98
53) 3-Nitroaniline	14.47	138	119175	28.575 ng	93
54) 2,4-Dinitrophenol	14.67	184	180059	95.124 ng	98
55) Dibenzofuran	14.97	168	847769	46.082 ng	98
56) 4-Nitrophenol	14.79	139	303066	94.830 ng	95
57) 2,4-Dinitrotoluene	14.93	165	226935	45.412 ng	99
58) Fluorene	15.62	166	672102	46.093 ng	97
59) 2,3,4,6-Tetrachlorophenol	15.20	232	189233	46.232 ng	97
60) Diethylphthalate	15.39	149	727446	44.761 ng	98
61) 4-Chlorophenyl-phenylether	15.61	204	347042	43.831 ng	97
62) 4-Nitroaniline	15.63	138	166982	40.545 ng	97
63) Azobenzene	15.90	77	672213	44.600 ng	98
65) 4,6-Dinitro-2-methylphenol	15.70	198	131641	50.990 ng	97
66) n-Nitrosodiphenylamine	15.82	169	632571	43.121 ng	98
67) 4-Bromophenyl-phenylether	16.50	248	225002	40.160 ng	99
68) Hexachlorobenzene	16.63	284	242771	40.214 ng	94
69) Atrazine	16.77	200	231494	48.547 ng	99
70) Pentachlorophenol	16.97	266	261800	78.669 ng	99
71) Phenanthrene	17.35	178	1071202	44.832 ng	98
72) Anthracene	17.45	178	1096512	46.436 ng	97
73) Carbazole	17.71	167	975130	44.705 ng	96
74) Di-n-butylphthalate	18.28	149	1206748	43.332 ng	97
75) Fluoranthene	19.36	202	1221751	44.711 ng	96
77) Benzidine	19.54	184	512228	48.519 ng	98
78) Pyrene	19.73	202	1225671	44.707 ng	96
80) Butylbenzylphthalate	20.62	149	561517	43.020 ng	93
81) Benzo(a)anthracene	21.54	228	1166108	44.775 ng	97
82) 3,3'-Dichlorobenzidine	21.46	252	328355	31.912 ng	99
83) Chrysene	21.61	228	1112360	44.950 ng	97
84) Bis(2-ethylhexyl)phthalate	21.47	149	792345	43.995 ng	98
85) Di-n-octyl phthalate	22.64	149	1383021	45.678 ng	96
86) Indeno(1,2,3-cd)pyrene	28.20	276	1427502	42.446 ng	99
88) Benzo(b)fluoranthene	23.69	252	1221763	42.723 ng	97
89) Benzo(k)fluoranthene	23.76	252	1182610	43.488 ng	98
90) Benzo(a)pyrene	24.53	252	1133020	41.978 ng	97
91) Dibenzo(a,h)anthracene	28.26	278	1180361	43.545 ng	98
92) Benzo(g,h,i)perylene	29.29	276	1197630	44.480 ng	97

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

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