Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012020\
Data File : BG044096.D
Acq On : 20 Jan 2020 13:47
Operator : JU
Sample : PB126166BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB126166BS

Manual Integrations APPROVED
mohammad
1/21/2020 2:25:20 PM

Quant Time: Jan 21 06:21:38 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	81330	20.00	ng		-0.04
21) Naphthalene-d8	10.73	136	343230	20.00	ng		-0.04
39) Acenaphthene-d10	14.57	164	228107	20.00	ng		-0.03
64) Phenanthrene-d10	17.31	188	486147	20.00	ng		-0.02
76) Chrysene-d12	21.57	240	410704	20.00	ng		-0.02
87) Perylene-d12	24.67	264	470513	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	658793	148.73	ng		-0.03
7) Phenol-d6	7.11	99	869048	140.36	ng		-0.02
23) Nitrobenzene-d5	9.09	82	456247	71.11	ng		-0.04
42) 2,4,6-Tribromophenol	16.06	330	331603	138.91	ng		-0.02
45) 2-Fluorobiphenyl	13.19	172	1021464	81.13	ng		-0.03
79) Terphenyl-d14	19.93	244	1471766	86.91	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.39	88	78464	40.627	ng		97
3) Pyridine	3.79	79	193449	33.906	ng		95
4) n-Nitrosodimethylamine	3.70	42	98921	38.943	ng		95
6) Aniline	7.25	93	255471	31.414	ng		97
8) 2-Chlorophenol	7.50	128	240556	46.260	ng		99
9) Benzaldehyde	7.07	77	123740	31.226	ng		96
10) Phenol	7.13	94	303273	47.540	ng		98
11) bis(2-Chloroethyl)ether	7.35	93	222030	40.321	ng		95
12) 1,3-Dichlorobenzene	7.82	146	245927	40.414	ng		98
13) 1,4-Dichlorobenzene	7.96	146	244219	40.675	ng		99
14) 1,2-Dichlorobenzene	8.29	146	234740	40.732	ng		99
15) Benzyl Alcohol	8.17	79	201737	41.284	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.46	45	298164	34.999	ng		98
17) 2-Methylphenol	8.38	107	210439	45.585	ng		98
18) Hexachloroethane	9.02	117	91599	39.207	ng		98
19) n-Nitroso-di-n-propylamine	8.74	70	175925	38.154	ng		98
20) 3+4-Methylphenols	8.71	107	291801	45.311	ng		98
22) Acetophenone	8.75	105	329868	38.658	ng	#	97
24) Nitrobenzene	9.13	77	252648	39.758	ng		98
25) Isophorone	9.66	82	487018	40.460	ng		100
26) 2-Nitrophenol	9.84	139	136741	45.483	ng		94
27) 2,4-Dimethylphenol	9.92	122	234547	51.827	ng		96
28) bis(2-Chloroethoxy)methane	10.14	93	308205	38.406	ng		98
29) 2,4-Dichlorophenol	10.39	162	243089	45.031	ng		99
30) 1,2,4-Trichlorobenzene	10.60	180	238932	39.475	ng		99
31) Naphthalene	10.78	128	716223	43.122	ng		99
32) Benzoic acid	10.06	122	111828	32.646	ng		91
33) 4-Chloroaniline	10.89	127	173522	21.904	ng		99
34) Hexachlorobutadiene	11.08	225	136455	36.924	ng		98
35) Caprolactam	11.65	113	89012m	44.293	ng		
36) 4-Chloro-3-methylphenol	12.02	107	260989	45.415	ng		97
37) 2-Methylnaphthalene	12.39	142	537325	42.970	ng		96
38) 1-Methylnaphthalene	12.61	142	514072	43.376	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	251802	37.662	ng		99

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Quant Time: Jan 21 06:21:38 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)
41) Hexachlorocyclopentadiene	12.75	237	339470	97.938 ng	99
43) 2,4,6-Trichlorophenol	13.01	196	195379	42.470 ng	99
44) 2,4,5-Trichlorophenol	13.08	196	209845	44.227 ng	98
46) 1,1'-Biphenyl	13.41	154	678314	41.475 ng	98
47) 2-Chloronaphthalene	13.45	162	531161	40.191 ng	98
48) 2-Nitroaniline	13.64	65	163761	38.522 ng	99
49) Acenaphthylene	14.29	152	852469	44.878 ng	97
50) Dimethylphthalate	14.03	163	678646	41.901 ng	97
51) 2,6-Dinitrotoluene	14.14	165	154477	42.198 ng	96
52) Acenaphthene	14.63	154	531876	39.928 ng	97
53) 3-Nitroaniline	14.47	138	113147	27.218 ng	95
54) 2,4-Dinitrophenol	14.67	184	168515	89.647 ng	96
55) Dibenzofuran	14.97	168	811813	44.270 ng	97
56) 4-Nitrophenol	14.79	139	286910	90.064 ng	96
57) 2,4-Dinitrotoluene	14.93	165	217903	43.745 ng	99
58) Fluorene	15.62	166	641677	44.148 ng	98
59) 2,3,4,6-Tetrachlorophenol	15.20	232	179647	44.032 ng	97
60) Diethylphthalate	15.39	149	690969	42.653 ng	97
61) 4-Chlorophenyl-phenylether	15.61	204	329609	41.763 ng	100
62) 4-Nitroaniline	15.63	138	156734	38.179 ng	96
63) Azobenzene	15.90	77	642446	42.763 ng	97
65) 4,6-Dinitro-2-methylphenol	15.70	198	125349	49.857 ng	94
66) n-Nitrosodiphenylamine	15.83	169	602804	42.106 ng	98
67) 4-Bromophenyl-phenylether	16.51	248	214292	39.193 ng	97
68) Hexachlorobenzene	16.62	284	227685	38.646 ng	98
69) Atrazine	16.78	200	218417	46.935 ng	98
70) Pentachlorophenol	16.97	266	249462	76.811 ng	98
71) Phenanthrene	17.35	178	1018715	43.688 ng	97
72) Anthracene	17.45	178	1044998	45.346 ng	98
73) Carbazole	17.71	167	929779	43.678 ng	96
74) Di-n-butylphthalate	18.28	149	1147636	42.226 ng	97
75) Fluoranthene	19.36	202	1160965	43.535 ng	96
77) Benzidine	19.54	184	495500	47.998 ng	98
78) Pyrene	19.73	202	1162509	43.364 ng	96
80) Butylbenzylphthalate	20.62	149	530439	41.560 ng	94
81) Benzo(a)anthracene	21.54	228	1108272	43.519 ng	96
82) 3,3'-Dichlorobenzidine	21.46	252	312052	31.015 ng	100
83) Chrysene	21.61	228	1046501	43.247 ng	95
84) Bis(2-ethylhexyl)phthalate	21.47	149	752500	42.730 ng	97
85) Di-n-octyl phthalate	22.65	149	1314654	44.404 ng	97
86) Indeno(1,2,3-cd)pyrene	28.21	276	1353963	41.172 ng	100
88) Benzo(b)fluoranthene	23.69	252	1141740	41.047 ng	99
89) Benzo(k)fluoranthene	23.76	252	1140338	43.112 ng	99
90) Benzo(a)pyrene	24.53	252	1076041	40.987 ng	98
91) Dibenzo(a,h)anthracene	28.26	278	1113348	42.227 ng	98
92) Benzo(g,h,i)perylene	29.30	276	1132699	43.250 ng	98

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

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