Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012120\
Data File : BG044152.D
Acq On : 22 Jan 2020 10:08
Operator : JU
Sample : PB126234BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB126234BS

Manual Integrations APPROVED
mohammad
1/23/2020 7:58:33 AM

Quant Time: Jan 22 11:25:51 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	87835	20.00	ng	-0.03
21) Naphthalene-d8	10.73	136	366745	20.00	ng	-0.03
39) Acenaphthene-d10	14.57	164	231826	20.00	ng	-0.03
64) Phenanthrene-d10	17.31	188	482247	20.00	ng	-0.03
76) Chrysene-d12	21.56	240	411856	20.00	ng	-0.03
87) Perylene-d12	24.66	264	465969	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	694248	145.13	ng	-0.03
7) Phenol-d6	7.10	99	918445	137.35	ng	-0.02
23) Nitrobenzene-d5	9.08	82	481955	70.30	ng	-0.04
42) 2,4,6-Tribromophenol	16.06	330	327275	134.90	ng	-0.03
45) 2-Fluorobiphenyl	13.19	172	1062814	83.06	ng	-0.03
79) Terphenyl-d14	19.92	244	1462828	85.87	ng	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.39	88	82373	39.492	ng	97
3) Pyridine	3.78	79	210799	34.211	ng	95
4) n-Nitrosodimethylamine	3.70	42	105836	38.579	ng	98
6) Aniline	7.25	93	269786	30.717	ng	98
8) 2-Chlorophenol	7.50	128	257326	45.820	ng	98
9) Benzaldehyde	7.06	77	131229	30.663	ng	98
10) Phenol	7.13	94	317988	46.155	ng	99
11) bis(2-Chloroethyl)ether	7.35	93	240587	40.455	ng	98
12) 1,3-Dichlorobenzene	7.82	146	262817	39.991	ng	99
13) 1,4-Dichlorobenzene	7.97	146	267419	41.241	ng	98
14) 1,2-Dichlorobenzene	8.28	146	253930	40.799	ng	99
15) Benzyl Alcohol	8.16	79	216026	40.934	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.46	45	327190	35.561	ng	99
17) 2-Methylphenol	8.38	107	221702	44.468	ng	97
18) Hexachloroethane	9.02	117	99993	39.630	ng	97
19) n-Nitroso-di-n-propylamine	8.73	70	189961	38.147	ng	98
20) 3+4-Methylphenols	8.71	107	306976	44.137	ng	98
22) Acetophenone	8.75	105	354721	38.905	ng	99
24) Nitrobenzene	9.13	77	272068	40.069	ng	96
25) Isophorone	9.65	82	514272	39.985	ng	98
26) 2-Nitrophenol	9.84	139	144254	44.905	ng	99
27) 2,4-Dimethylphenol	9.90	122	249084	51.510	ng	99
28) bis(2-Chloroethoxy)methane	10.14	93	330580	38.553	ng	99
29) 2,4-Dichlorophenol	10.38	162	252501	43.775	ng	97
30) 1,2,4-Trichlorobenzene	10.60	180	257109	39.754	ng	97
31) Naphthalene	10.78	128	763043	42.995	ng	99
32) Benzoic acid	10.06	122	110650	30.695	ng	95
33) 4-Chloroaniline	10.89	127	184033	21.741	ng	98
34) Hexachlorobutadiene	11.08	225	149971	37.979	ng	97
35) Caprolactam	11.65	113	88314m	41.128	ng	
36) 4-Chloro-3-methylphenol	12.02	107	264457	43.068	ng	97
37) 2-Methylnaphthalene	12.39	142	568228	42.528	ng	96
38) 1-Methylnaphthalene	12.61	142	541591	42.768	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	270051	39.744	ng	99

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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	357541	101.496 ng	97
43) 2,4,6-Trichlorophenol	13.00	196	196218	41.968 ng	99
44) 2,4,5-Trichlorophenol	13.08	196	209027	43.348 ng	97
46) 1,1'-Biphenyl	13.40	154	708342	42.616 ng	98
47) 2-Chloronaphthalene	13.44	162	556986	41.469 ng	97
48) 2-Nitroaniline	13.64	65	165695	38.351 ng	94
49) Acenaphthylene	14.29	152	877152	45.437 ng	97
50) Dimethylphthalate	14.02	163	683031	41.495 ng	98
51) 2,6-Dinitrotoluene	14.13	165	155532	41.804 ng	96
52) Acenaphthene	14.63	154	540819	39.948 ng	98
53) 3-Nitroaniline	14.46	138	120233	28.458 ng	100
54) 2,4-Dinitrophenol	14.67	184	149183	78.796 ng	97
55) Dibenzofuran	14.96	168	822995	44.160 ng	98
56) 4-Nitrophenol	14.79	139	280490	86.636 ng	95
57) 2,4-Dinitrotoluene	14.92	165	216146	42.696 ng	99
58) Fluorene	15.62	166	646645	43.776 ng	99
59) 2,3,4,6-Tetrachlorophenol	15.19	232	180006	43.412 ng	97
60) Diethylphthalate	15.39	149	689460	41.877 ng	97
61) 4-Chlorophenyl-phenylether	15.61	204	331064	41.275 ng	98
62) 4-Nitroaniline	15.63	138	157664	37.789 ng	97
63) Azobenzene	15.90	77	654755	42.883 ng	98
65) 4,6-Dinitro-2-methylphenol	15.69	198	121787	48.923 ng	97
66) n-Nitrosodiphenylamine	15.82	169	597706	42.087 ng	98
67) 4-Bromophenyl-phenylether	16.50	248	214105	39.475 ng	96
68) Hexachlorobenzene	16.63	284	232110	39.716 ng	96
69) Atrazine	16.77	200	217602	47.138 ng	97
70) Pentachlorophenol	16.97	266	244776	75.978 ng	98
71) Phenanthrene	17.35	178	1012981	43.793 ng	97
72) Anthracene	17.44	178	1047261	45.812 ng	96
73) Carbazole	17.71	167	927249	43.912 ng	96
74) Di-n-butylphthalate	18.28	149	1151973	42.728 ng	98
75) Fluoranthene	19.36	202	1153726	43.613 ng	96
77) Benzidine	19.54	184	492048	47.530 ng	100
78) Pyrene	19.72	202	1157114	43.042 ng	96
80) Butylbenzylphthalate	20.62	149	528924	41.325 ng	95
81) Benzo(a)anthracene	21.54	228	1112455	43.561 ng	96
82) 3,3'-Dichlorobenzidine	21.46	252	312640	30.987 ng	99
83) Chrysene	21.60	228	1048463	43.207 ng	94
84) Bis(2-ethylhexyl)phthalate	21.46	149	750863	42.517 ng	96
85) Di-n-octyl phthalate	22.64	149	1308712	44.080 ng	97
86) Indeno(1,2,3-cd)pyrene	28.19	276	1350822	40.962 ng	99
88) Benzo(b)fluoranthene	23.68	252	1168938	42.434 ng	98
89) Benzo(k)fluoranthene	23.75	252	1121273	42.804 ng	97
90) Benzo(a)pyrene	24.52	252	1076174	41.392 ng	96
91) Dibenzo(a,h)anthracene	28.24	278	1107659	42.421 ng	97
92) Benzo(g,h,i)perylene	29.29	276	1132966	43.682 ng	96

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

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