Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020420\
Data File : BG044283.D
Acq On : 4 Feb 2020 16:37
Operator : CG/JU
Sample : PB126459BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB126459BS

Manual Integrations APPROVED
mohammad
2/6/2020 2:17:49 PM

Quant Time: Feb 05 04:47:45 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 30 16:05:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	90648	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	365249	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	239982	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	529505	20.00	ng	0.00
76) Chrysene-d12	21.55	240	482834	20.00	ng	0.00
87) Perylene-d12	24.65	264	506670	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	669212	130.29	ng	0.00
7) Phenol-d6	7.09	99	863572	125.20	ng	0.00
23) Nitrobenzene-d5	9.08	82	458372	70.85	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	341968	121.38	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1012341	70.64	ng	0.00
79) Terphenyl-d14	19.92	244	1538601	65.54	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.38	88	89311	38.701	ng	97
3) Pyridine	3.77	79	216519	35.216	ng	98
4) n-Nitrosodimethylamine	3.69	42	107984	42.030	ng	96
6) Aniline	7.24	93	279118	32.602	ng	97
8) 2-Chlorophenol	7.48	128	262711	46.539	ng	99
9) Benzaldehyde	7.05	77	129756	33.031	ng	99
10) Phenol	7.12	94	323268	47.358	ng	97
11) bis(2-Chloroethyl)ether	7.34	93	245407	42.052	ng	97
12) 1,3-Dichlorobenzene	7.81	146	278962	41.390	ng	97
13) 1,4-Dichlorobenzene	7.95	146	277598	41.585	ng	99
14) 1,2-Dichlorobenzene	8.27	146	265128	42.020	ng	99
15) Benzyl Alcohol	8.15	79	224862	46.049	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.45	45	314305	39.792	ng	100
17) 2-Methylphenol	8.36	107	225516	46.305	ng	97
18) Hexachloroethane	9.00	117	101475	40.509	ng	98
19) n-Nitroso-di-n-propylamine	8.72	70	186580	40.590	ng	100
20) 3+4-Methylphenols	8.69	107	308621	45.981	ng	99
22) Acetophenone	8.73	105	358768	40.377	ng	99
24) Nitrobenzene	9.12	77	267364	42.332	ng	100
25) Isophorone	9.64	82	513824	42.611	ng	99
26) 2-Nitrophenol	9.83	139	152134	46.421	ng	99
27) 2,4-Dimethylphenol	9.90	122	247640	53.530	ng	97
28) bis(2-Chloroethoxy)methane	10.13	93	323752	40.247	ng	99
29) 2,4-Dichlorophenol	10.37	162	258168	46.152	ng	99
30) 1,2,4-Trichlorobenzene	10.59	180	260121	40.554	ng	99
31) Naphthalene	10.77	128	762490	43.028	ng	100
32) Benzoic acid	10.06	122	173180	54.225	ng	95
33) 4-Chloroaniline	10.87	127	188111	23.340	ng	98
34) Hexachlorobutadiene	11.07	225	149215	37.807	ng	97
35) Caprolactam	11.64	113	102577m	50.059	ng	
36) 4-Chloro-3-methylphenol	12.01	107	272415	46.448	ng	99
37) 2-Methylnaphthalene	12.38	142	565073	42.948	ng	99
38) 1-Methylnaphthalene	12.60	142	534678	43.104	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.75	216	273812	38.143	ng	98

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 30 16:05:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	321425	93.315 ng	99
43) 2,4,6-Trichlorophenol	12.99	196	210173	45.295 ng	98
44) 2,4,5-Trichlorophenol	13.06	196	225119	47.500 ng	98
46) 1,1'-Biphenyl	13.39	154	703486	40.640 ng	100
47) 2-Chloronaphthalene	13.43	162	556990	40.436 ng	100
48) 2-Nitroaniline	13.63	65	176410	43.396 ng	99
49) Acenaphthylene	14.28	152	895464	44.322 ng	100
50) Dimethylphthalate	14.01	163	723979	41.968 ng	98
51) 2,6-Dinitrotoluene	14.13	165	169869	44.164 ng	96
52) Acenaphthene	14.62	154	545470	41.654 ng	97
53) 3-Nitroaniline	14.46	138	125452	29.481 ng	98
54) 2,4-Dinitrophenol	14.66	184	213362	92.319 ng	97
55) Dibenzofuran	14.96	168	853358	43.040 ng	98
56) 4-Nitrophenol	14.78	139	334044	107.166 ng	97
57) 2,4-Dinitrotoluene	14.92	165	237398	44.037 ng	99
58) Fluorene	15.60	166	681061	43.612 ng	100
59) 2,3,4,6-Tetrachlorophenol	15.19	232	201757	47.129 ng	99
60) Diethylphthalate	15.38	149	738642	42.972 ng	99
61) 4-Chlorophenyl-phenylether	15.60	204	351152	41.471 ng	98
62) 4-Nitroaniline	15.62	138	181693	42.730 ng	98
63) Azobenzene	15.89	77	662983	44.008 ng	99
65) 4,6-Dinitro-2-methylphenol	15.68	198	151038	51.675 ng	97
66) n-Nitrosodiphenylamine	15.81	169	645060	43.470 ng	99
67) 4-Bromophenyl-phenylether	16.49	248	229371	39.760 ng	98
68) Hexachlorobenzene	16.61	284	251918	38.978 ng	97
69) Atrazine	16.76	200	246643	48.493 ng	97
70) Pentachlorophenol	16.96	266	291344	88.784 ng	96
71) Phenanthrene	17.34	178	1097350	42.798 ng	100
72) Anthracene	17.44	178	1139556	44.953 ng	99
73) Carbazole	17.70	167	1047996	44.845 ng	99
74) Di-n-butylphthalate	18.27	149	1267780	43.900 ng	100
75) Fluoranthene	19.35	202	1288223	43.431 ng	98
77) Benzidine	19.53	184	424220	31.676 ng	99
78) Pyrene	19.72	202	1297284	41.837 ng	99
80) Butylbenzylphthalate	20.60	149	608008	43.028 ng	96
81) Benzo(a)anthracene	21.53	228	1272807	42.773 ng	100
82) 3,3'-Dichlorobenzidine	21.45	252	351802	30.461 ng	98
83) Chrysene	21.60	228	1215891	42.272 ng	100
84) Bis(2-ethylhexyl)phthalate	21.45	149	853003	43.857 ng	99
85) Di-n-octyl phthalate	22.62	149	1497938	44.512 ng	99
86) Indeno(1,2,3-cd)pyrene	28.16	276	1583728	42.203 ng	99
88) Benzo(b)fluoranthene	23.67	252	1332610	45.643 ng	99
89) Benzo(k)fluoranthene	23.73	252	1341625	47.148 ng	100
90) Benzo(a)pyrene	24.50	252	1249019	45.247 ng	98
91) Dibenzo(a,h)anthracene	28.22	278	1316551	48.191 ng	98
92) Benzo(g,h,i)perylene	29.26	276	1338735	48.951 ng	96

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

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