Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090320\
Data File : BG046519.D
Acq On : 3 Sep 2020 16:47
Operator : CG/JU
Sample : PB131406BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 03 17:26:34 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 02 15:06:53 2020
Response via : Initial Calibration

Instrument : BNA_G
ClientSampleId : PB131406BS

Manual Integrations APPROVED
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9/4/2020 1:54:50 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	77933	20.00	ng		0.00
21) Naphthalene-d8	10.73	136	306416	20.00	ng		0.00
39) Acenaphthene-d10	14.56	164	201070	20.00	ng		0.00
64) Phenanthrene-d10	17.31	188	474283	20.00	ng		0.00
76) Chrysene-d12	21.55	240	483303	20.00	ng		0.00
86) Perylene-d12	24.65	264	506431	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	467987	106.36	ng		0.00
7) Phenol-d6	7.11	99	593307	95.12	ng		0.00
23) Nitrobenzene-d5	9.09	82	378331	70.57	ng		0.00
42) 2,4,6-Tribromophenol	16.05	330	252879	92.82	ng		0.00
45) 2-Fluorobiphenyl	13.18	172	945094	71.75	ng		0.00
79) Terphenyl-d14	19.92	244	1492576	65.72	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	56622	30.931	ng		93
3) Pyridine	3.81	79	167488	31.271	ng		98
4) n-Nitrosodimethylamine	3.72	42	78992	39.988	ng		98
6) Aniline	7.25	93	218844	31.179	ng		99
8) 2-Chlorophenol	7.50	128	196617	42.279	ng		97
9) Benzaldehyde	7.07	77	128520	36.776	ng		97
10) Phenol	7.13	94	238672	41.544	ng		97
11) bis(2-Chloroethyl)ether	7.35	93	179578	38.887	ng		99
12) 1,3-Dichlorobenzene	7.82	146	221172	37.460	ng		99
13) 1,4-Dichlorobenzene	7.96	146	222305	37.609	ng		99
14) 1,2-Dichlorobenzene	8.28	146	215201	37.970	ng		99
15) Benzyl Alcohol	8.17	79	165974	41.446	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.46	45	272209	38.002	ng		99
17) 2-Methylphenol	8.38	107	169685	41.647	ng		97
18) Hexachloroethane	9.02	117	74237	37.041	ng		98
19) n-Nitroso-di-n-propylamine	8.73	70	140019	37.528	ng		98
20) 3+4-Methylphenols	8.70	107	229068	40.732	ng		98
22) Acetophenone	8.75	105	274930	36.860	ng	#	99
24) Nitrobenzene	9.13	77	208257	39.320	ng		98
25) Isophorone	9.65	82	383434	39.011	ng		97
26) 2-Nitrophenol	9.84	139	111980	40.072	ng		94
27) 2,4-Dimethylphenol	9.90	122	183092	47.637	ng		99
28) bis(2-Chloroethoxy)methane	10.13	93	241392	38.157	ng		99
29) 2,4-Dichlorophenol	10.38	162	209247	40.839	ng		99
30) 1,2,4-Trichlorobenzene	10.59	180	222937	36.672	ng		99
31) Naphthalene	10.78	128	574599	38.406	ng		100
32) Benzoic acid	10.05	122	76696	31.293	ng		98
33) 4-Chloroaniline	10.88	127	140016	21.223	ng		97
34) Hexachlorobutadiene	11.07	225	141983	35.978	ng		99
35) Caprolactam	11.65	113	66554m	34.750	ng		
36) 4-Chloro-3-methylphenol	12.02	107	198561	39.623	ng		96
37) 2-Methylnaphthalene	12.38	142	451105	38.231	ng		98
38) 1-Methylnaphthalene	12.61	142	419194	37.506	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	263106	39.681	ng		99

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Quant Time: Sep 03 17:26:34 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	319103	110.680	ng	98
43) 2,4,6-Trichlorophenol	13.00	196	180604	40.363	ng	96
44) 2,4,5-Trichlorophenol	13.07	196	192607	40.970	ng	98
46) 1,1'-Biphenyl	13.39	154	574460	41.064	ng	99
47) 2-Chloronaphthalene	13.43	162	454599	38.327	ng	99
48) 2-Nitroaniline	13.63	65	123028	37.354	ng	98
49) Acenaphthylene	14.28	152	718841	39.953	ng	99
50) Dimethylphthalate	14.02	163	584202	37.555	ng	100
51) 2,6-Dinitrotoluene	14.13	165	136881	39.918	ng	99
52) Acenaphthene	14.63	154	430685	38.628	ng	97
53) 3-Nitroaniline	14.46	138	89901	24.204	ng	98
54) 2,4-Dinitrophenol	14.67	184	161470	80.672	ng	99
55) Dibenzofuran	14.96	168	695189	38.853	ng	100
56) 4-Nitrophenol	14.79	139	217290	79.489	ng	98
57) 2,4-Dinitrotoluene	14.92	165	192655	39.403	ng	98
58) Fluorene	15.61	166	582595	38.794	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.19	232	179231	39.260	ng	98
60) Diethylphthalate	15.38	149	576903	38.037	ng	99
61) 4-Chlorophenyl-phenylether	15.60	204	314204	37.990	ng	99
62) 4-Nitroaniline	15.63	138	131073	33.444	ng	99
63) Azobenzene	15.90	77	486737	39.452	ng	98
65) 4,6-Dinitro-2-methylphenol	15.69	198	123458	45.990	ng	98
66) n-Nitrosodiphenylamine	15.81	169	527229	41.205	ng	99
67) 4-Bromophenyl-phenylether	16.50	248	215859	39.011	ng	98
68) Hexachlorobenzene	16.62	284	230732	37.651	ng	97
69) Atrazine	16.77	200	166281	31.856	ng	99
70) Pentachlorophenol	16.97	266	264256	82.534	ng	99
71) Phenanthrene	17.35	178	946728	39.381	ng	99
72) Anthracene	17.44	178	975048	41.109	ng	100
73) Carbazole	17.71	167	891023	39.788	ng	99
74) Di-n-butylphthalate	18.27	149	1011683	39.287	ng	100
75) Fluoranthene	19.36	202	1212764	39.201	ng	100
77) Benzidine	19.53	184	591768	52.693	ng	99
78) Pyrene	19.72	202	1210104	39.319	ng	99
80) Butylbenzylphthalate	20.61	149	471216	39.253	ng	97
81) Benzo(a)anthracene	21.54	228	1175825	39.033	ng	99
82) 3,3'-Dichlorobenzidine	21.45	252	318303	28.473	ng	99
83) Chrysene	21.60	228	1137785	39.265	ng	100
84) Bis(2-ethylhexyl)phthalate	21.45	149	669089	40.842	ng	99
85) Di-n-octyl phthalate	22.62	149	1173583	41.838	ng	100
87) Indeno(1,2,3-cd)pyrene	28.18	276	1459683	40.131	ng	100
88) Benzo(b)fluoranthene	23.68	252	1274678	40.310	ng	97
89) Benzo(k)fluoranthene	23.75	252	1196193	39.141	ng	99
90) Benzo(a)pyrene	24.51	252	1143771	38.758	ng	99
91) Dibenzo(a,h)anthracene	28.23	278	1194300	40.689	ng	99
92) Benzo(g,h,i)perylene	29.27	276	1219370	41.602	ng	98

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

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