Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091420\
Data File : BG046606.D
Acq On : 14 Sep 2020 16:50
Operator : CG/JU
Sample : PB131594BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB131594BS

Manual Integrations APPROVED
mohammad
9/15/2020 11:18:19 AM

Quant Time: Sep 14 17:34:04 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

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	64491	20.00	ng		0.00
21) Naphthalene-d8	10.72	136	267099	20.00	ng		0.00
39) Acenaphthene-d10	14.56	164	186967	20.00	ng		0.00
64) Phenanthrene-d10	17.30	188	462035	20.00	ng		0.00
76) Chrysene-d12	21.55	240	469065	20.00	ng		0.00
86) Perylene-d12	24.65	264	485522	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	492355	135.22	ng		0.00
7) Phenol-d6	7.10	99	643765	124.72	ng		0.00
23) Nitrobenzene-d5	9.08	82	404388	86.53	ng		0.00
42) 2,4,6-Tribromophenol	16.05	330	300145	118.48	ng		0.00
45) 2-Fluorobiphenyl	13.18	172	1056975	86.30	ng		0.00
79) Terphenyl-d14	19.92	244	1736688	78.79	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	60444	39.901	ng		96
3) Pyridine	3.81	79	176136	39.741	ng		98
4) n-Nitrosodimethylamine	3.73	42	79635	48.716	ng		97
6) Aniline	7.25	93	267601	46.071	ng		99
8) 2-Chlorophenol	7.50	128	207419	53.898	ng		99
9) Benzaldehyde	7.06	77	96522	33.377	ng		97
10) Phenol	7.13	94	258876	54.453	ng		100
11) bis(2-Chloroethyl)ether	7.34	93	188368	49.293	ng		99
12) 1,3-Dichlorobenzene	7.81	146	229007	46.871	ng		99
13) 1,4-Dichlorobenzene	7.96	146	228980	46.812	ng		99
14) 1,2-Dichlorobenzene	8.28	146	224731	47.916	ng		99
15) Benzyl Alcohol	8.17	79	177299	53.502	ng		100
16) 2,2'-oxybis(1-Chloropropan	8.45	45	275849	46.537	ng		99
17) 2-Methylphenol	8.38	107	181730	53.900	ng		99
18) Hexachloroethane	9.01	117	76605	46.189	ng		97
19) n-Nitroso-di-n-propylamine	8.73	70	153836	49.825	ng		99
20) 3+4-Methylphenols	8.70	107	249117	53.531	ng		98
22) Acetophenone	8.74	105	291471	44.830	ng	#	98
24) Nitrobenzene	9.12	77	217004	47.002	ng		99
25) Isophorone	9.65	82	421138	49.154	ng		98
26) 2-Nitrophenol	9.84	139	121026	49.684	ng		96
27) 2,4-Dimethylphenol	9.90	122	200760	59.923	ng		96
28) bis(2-Chloroethoxy)methane	10.13	93	256700	46.549	ng		98
29) 2,4-Dichlorophenol	10.38	162	227407	50.917	ng		98
30) 1,2,4-Trichlorobenzene	10.59	180	237788	44.872	ng		99
31) Naphthalene	10.78	128	616189	47.248	ng		99
32) Benzoic acid	10.07	122	76097	34.414	ng		99
33) 4-Chloroaniline	10.88	127	211421	36.764	ng		100
34) Hexachlorobutadiene	11.06	225	150866	43.856	ng		99
35) Caprolactam	11.66	113	80705m	48.341	ng		
36) 4-Chloro-3-methylphenol	12.02	107	228997	52.423	ng		95
37) 2-Methylnaphthalene	12.38	142	491979	47.832	ng		99
38) 1-Methylnaphthalene	12.60	142	461917	47.411	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	289659	46.981	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 02 15:06:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	324543	121.058 ng	99
43) 2,4,6-Trichlorophenol	12.99	196	201443	48.416 ng	100
44) 2,4,5-Trichlorophenol	13.07	196	217949	49.857 ng	98
46) 1,1'-Biphenyl	13.39	154	639598	49.169 ng	100
47) 2-Chloronaphthalene	13.43	162	505836	45.864 ng	99
48) 2-Nitroaniline	13.63	65	143766	46.943 ng	99
49) Acenaphthylene	14.28	152	811482	48.504 ng	99
50) Dimethylphthalate	14.01	163	674785	46.650 ng	99
51) 2,6-Dinitrotoluene	14.13	165	157537	49.408 ng	96
52) Acenaphthene	14.62	154	494745	47.721 ng	98
53) 3-Nitroaniline	14.46	138	128001	37.061 ng	100
54) 2,4-Dinitrophenol	14.67	184	192704	103.540 ng	99
55) Dibenzofuran	14.96	168	803307	48.282 ng	99
56) 4-Nitrophenol	14.78	139	251105	98.788 ng	99
57) 2,4-Dinitrotoluene	14.92	165	226458	49.810 ng	97
58) Fluorene	15.61	166	676213	48.424 ng	99
59) 2,3,4,6-Tetrachlorophenol	15.19	232	210982	49.701 ng	98
60) Diethylphthalate	15.38	149	669084	47.443 ng	100
61) 4-Chlorophenyl-phenylether	15.60	204	363196	47.225 ng	99
62) 4-Nitroaniline	15.62	138	164784	45.217 ng	96
63) Azobenzene	15.89	77	561085	48.909 ng	97
65) 4,6-Dinitro-2-methylphenol	15.69	198	145756	55.735 ng	99
66) n-Nitrosodiphenylamine	15.81	169	616146	49.431 ng	99
67) 4-Bromophenyl-phenylether	16.49	248	254349	47.185 ng	99
68) Hexachlorobenzene	16.62	284	270737	45.350 ng	98
69) Atrazine	16.76	200	197035	38.748 ng	99
70) Pentachlorophenol	16.96	266	303525	97.311 ng	99
71) Phenanthrene	17.34	178	1118914	47.778 ng	99
72) Anthracene	17.43	178	1146838	49.634 ng	99
73) Carbazole	17.70	167	1062798	48.717 ng	100
74) Di-n-butylphthalate	18.27	149	1174386	46.814 ng	100
75) Fluoranthene	19.35	202	1428691	47.405 ng	99
77) Benzidine	19.53	184	687556	63.081 ng	98
78) Pyrene	19.71	202	1420204	47.547 ng	99
80) Butylbenzylphthalate	20.61	149	547631	47.004 ng	99
81) Benzo(a)anthracene	21.53	228	1375037	47.031 ng	99
82) 3,3'-Dichlorobenzidine	21.45	252	439193	40.479 ng	99
83) Chrysene	21.59	228	1334322	47.445 ng	99
84) Bis(2-ethylhexyl)phthalate	21.45	149	761332	47.884 ng	99
85) Di-n-octyl phthalate	22.61	149	1337625	49.133 ng	100
87) Indeno(1,2,3-cd)pyrene	28.16	276	1681171	48.211 ng	100
88) Benzo(b)fluoranthene	23.67	252	1447591	47.749 ng	98
89) Benzo(k)fluoranthene	23.74	252	1420083	48.468 ng	98
90) Benzo(a)pyrene	24.51	252	1332776	47.108 ng	99
91) Dibenzo(a,h)anthracene	28.22	278	1381565	49.096 ng	99
92) Benzo(g,h,i)perylene	29.26	276	1404630	49.986 ng	99

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

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