Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091120\
Data File : BG046596.D
Acq On : 11 Sep 2020 14:45
Operator : CG/JU
Sample : PB131540BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 11 15:58:04 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

Instrument : BNA_G
ClientSampleId : PB131540BS

Manual Integrations APPROVED
mohammad
9/14/2020 12:13:04 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	68327	20.00	ng		0.00
21) Naphthalene-d8	10.73	136	281154	20.00	ng		0.00
39) Acenaphthene-d10	14.56	164	190002	20.00	ng		0.00
64) Phenanthrene-d10	17.30	188	441559	20.00	ng		0.00
76) Chrysene-d12	21.55	240	448958	20.00	ng		0.00
86) Perylene-d12	24.65	264	435991	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	433688	112.42	ng		0.00
7) Phenol-d6	7.11	99	568790	104.01	ng		0.00
23) Nitrobenzene-d5	9.08	82	453216	92.13	ng		0.00
42) 2,4,6-Tribromophenol	16.05	330	234483	91.08	ng		0.00
45) 2-Fluorobiphenyl	13.18	172	1157441	92.99	ng		0.00
79) Terphenyl-d14	19.91	244	1504627	71.32	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	56397	35.140	ng		97
3) Pyridine	3.80	79	128554	27.376	ng		97
4) n-Nitrosodimethylamine	3.72	42	67491	38.969	ng		99
6) Aniline	7.25	93	190238	30.914	ng		99
8) 2-Chlorophenol	7.49	128	170781	41.886	ng		99
9) Benzaldehyde	7.07	77	94185	30.740	ng		97
10) Phenol	7.13	94	210889	41.869	ng		99
11) bis(2-Chloroethyl)ether	7.35	93	156416	38.633	ng		98
12) 1,3-Dichlorobenzene	7.82	146	191663	37.025	ng		99
13) 1,4-Dichlorobenzene	7.96	146	193167	37.274	ng		99
14) 1,2-Dichlorobenzene	8.28	146	184255	37.080	ng		99
15) Benzyl Alcohol	8.16	79	143083	40.753	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.45	45	233376	37.161	ng		99
17) 2-Methylphenol	8.38	107	146281	40.950	ng		99
18) Hexachloroethane	9.01	117	63957	36.398	ng		97
19) n-Nitroso-di-n-propylamine	8.73	70	124025	37.915	ng		98
20) 3+4-Methylphenols	8.70	107	201775	40.923	ng		98
22) Acetophenone	8.75	105	245075	35.809	ng	#	97
24) Nitrobenzene	9.12	77	179321	36.899	ng		97
25) Isophorone	9.64	82	342642	37.993	ng		98
26) 2-Nitrophenol	9.84	139	100216	39.085	ng		97
27) 2,4-Dimethylphenol	9.90	122	161056	45.669	ng		96
28) bis(2-Chloroethoxy)methane	10.13	93	214135	36.889	ng		100
29) 2,4-Dichlorophenol	10.38	162	186910	39.757	ng		98
30) 1,2,4-Trichlorobenzene	10.59	180	199099	35.693	ng		99
31) Naphthalene	10.77	128	511996	37.297	ng		99
32) Benzoic acid	10.05	122	56921	26.795	ng		98
33) 4-Chloroaniline	10.88	127	150041	24.787	ng		99
34) Hexachlorobutadiene	11.07	225	127892	35.319	ng		100
35) Caprolactam	11.65	113	57022m	32.448	ng		
36) 4-Chloro-3-methylphenol	12.01	107	174608	37.974	ng		94
37) 2-Methylnaphthalene	12.38	142	404046	37.319	ng		99
38) 1-Methylnaphthalene	12.60	142	382554	37.303	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.75	216	239973	38.300	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.73	237	244735	89.830	ng	99
43) 2,4,6-Trichlorophenol	12.99	196	156643	37.047	ng	99
44) 2,4,5-Trichlorophenol	13.07	196	166955	37.582	ng	97
46) 1,1'-Biphenyl	13.39	154	524911	39.708	ng	99
47) 2-Chloronaphthalene	13.43	162	406794	36.295	ng	99
48) 2-Nitroaniline	13.63	65	109367	35.141	ng	100
49) Acenaphthylene	14.28	152	653893	38.460	ng	99
50) Dimethylphthalate	14.01	163	516311	35.124	ng	100
51) 2,6-Dinitrotoluene	14.13	165	116868	36.067	ng	98
52) Acenaphthene	14.62	154	382644	36.319	ng	99
53) 3-Nitroaniline	14.46	138	90766	25.860	ng	98
54) 2,4-Dinitrophenol	14.67	184	119136	62.989	ng	97
55) Dibenzofuran	14.96	168	626051	37.027	ng	99
56) 4-Nitrophenol	14.78	139	179260	69.396	ng	96
57) 2,4-Dinitrotoluene	14.92	165	163866	35.467	ng	99
58) Fluorene	15.60	166	512362	36.105	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.18	232	158577	36.759	ng	97
60) Diethylphthalate	15.38	149	500537	34.925	ng	99
61) 4-Chlorophenyl-phenylether	15.60	204	280574	35.900	ng	96
62) 4-Nitroaniline	15.62	138	114262	30.853	ng	98
63) Azobenzene	15.89	77	423147	36.296	ng	99
65) 4,6-Dinitro-2-methylphenol	15.69	198	97751	39.112	ng	99
66) n-Nitrosodiphenylamine	15.81	169	455458	38.234	ng	99
67) 4-Bromophenyl-phenylether	16.49	248	191380	37.150	ng	97
68) Hexachlorobenzene	16.62	284	200675	35.173	ng	99
69) Atrazine	16.76	200	165330	34.021	ng	99
70) Pentachlorophenol	16.96	266	213664	71.678	ng	98
71) Phenanthrene	17.34	178	819126	36.599	ng	99
72) Anthracene	17.44	178	844727	38.254	ng	100
73) Carbazole	17.70	167	760207	36.463	ng	100
74) Di-n-butylphthalate	18.26	149	870664	36.317	ng	100
75) Fluoranthene	19.35	202	1055118	36.633	ng	99
77) Benzidine	19.53	184	363390	34.833	ng	98
78) Pyrene	19.71	202	1051964	36.796	ng	99
80) Butylbenzylphthalate	20.60	149	404419	36.266	ng	97
81) Benzo(a)anthracene	21.53	228	1018728	36.405	ng	98
82) 3,3'-Dichlorobenzidine	21.45	252	309137	29.768	ng	99
83) Chrysene	21.60	228	979568	36.391	ng	99
84) Bis(2-ethylhexyl)phthalate	21.45	149	569579	37.428	ng	99
85) Di-n-octyl phthalate	22.62	149	979984	37.609	ng	100
87) Indeno(1,2,3-cd)pyrene	28.16	276	1219993	38.960	ng	100
88) Benzo(b)fluoranthene	23.67	252	1068882	39.263	ng	99
89) Benzo(k)fluoranthene	23.73	252	1019151	38.735	ng	99
90) Benzo(a)pyrene	24.50	252	966438	38.040	ng	100
91) Dibenzo(a,h)anthracene	28.22	278	1004371	39.747	ng	99
92) Benzo(g,h,i)perylene	29.26	276	1026046	40.662	ng	98

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

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