Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090220\
Data File : BG046503.D
Acq On : 2 Sep 2020 14:38
Operator : CG/JU
Sample : PB131362BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB131362BS

Manual Integrations APPROVED
mohammad
9/3/2020 1:47:39 PM

Quant Time: Sep 02 15:21:43 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	79646	20.00	ng		0.00
21) Naphthalene-d8	10.73	136	310650	20.00	ng		0.00
39) Acenaphthene-d10	14.56	164	209258	20.00	ng		0.00
64) Phenanthrene-d10	17.31	188	488107	20.00	ng		0.00
76) Chrysene-d12	21.56	240	502998	20.00	ng		0.00
86) Perylene-d12	24.66	264	517250	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	473462	105.29	ng		0.00
7) Phenol-d6	7.11	99	598779	93.93	ng		0.00
23) Nitrobenzene-d5	9.09	82	387486	71.29	ng		0.00
42) 2,4,6-Tribromophenol	16.05	330	267183	94.23	ng		0.00
45) 2-Fluorobiphenyl	13.18	172	983304	71.73	ng		0.00
79) Terphenyl-d14	19.92	244	1559808	66.00	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	97414	52.071	ng		98
3) Pyridine	3.81	79	133902	24.463	ng		98
4) n-Nitrosodimethylamine	3.72	42	79612	39.435	ng	#	98
6) Aniline	7.25	93	255355	35.598	ng		99
8) 2-Chlorophenol	7.50	128	200832	42.257	ng		99
9) Benzaldehyde	7.07	77	131390	36.789	ng		97
10) Phenol	7.13	94	241633	41.155	ng		98
11) bis(2-Chloroethyl)ether	7.35	93	182116	38.589	ng		99
12) 1,3-Dichlorobenzene	7.82	146	221990	36.790	ng		99
13) 1,4-Dichlorobenzene	7.97	146	226189	37.443	ng		100
14) 1,2-Dichlorobenzene	8.28	146	219440	37.885	ng		99
15) Benzyl Alcohol	8.17	79	169466	41.408	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.46	45	278271	38.013	ng		100
17) 2-Methylphenol	8.38	107	173254	41.608	ng		98
18) Hexachloroethane	9.01	117	76280	37.242	ng		91
19) n-Nitroso-di-n-propylamine	8.73	70	144653	37.936	ng		97
20) 3+4-Methylphenols	8.71	107	233715	40.665	ng		99
22) Acetophenone	8.75	105	284850	37.669	ng		100
24) Nitrobenzene	9.13	77	209387	38.994	ng		99
25) Isophorone	9.65	82	399483	40.090	ng		98
26) 2-Nitrophenol	9.84	139	114378	40.372	ng		98
27) 2,4-Dimethylphenol	9.90	122	186079	47.754	ng		97
28) bis(2-Chloroethoxy)methane	10.13	93	245025	38.203	ng		99
29) 2,4-Dichlorophenol	10.38	162	213215	41.046	ng		100
30) 1,2,4-Trichlorobenzene	10.59	180	229501	37.237	ng		99
31) Naphthalene	10.78	128	587252	38.717	ng		99
32) Benzoic acid	10.05	122	73381	29.992	ng		98
33) 4-Chloroaniline	10.89	127	196178	29.331	ng		98
34) Hexachlorobutadiene	11.07	225	144335	36.075	ng		99
35) Caprolactam	11.65	113	70296m	36.203	ng		
36) 4-Chloro-3-methylphenol	12.01	107	208146	40.969	ng		94
37) 2-Methylnaphthalene	12.38	142	462953	38.700	ng		99
38) 1-Methylnaphthalene	12.61	142	440110	38.840	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	273100	39.576	ng		99

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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
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	330850	110.264 ng	99
43) 2,4,6-Trichlorophenol	12.99	196	186152	39.975 ng	98
44) 2,4,5-Trichlorophenol	13.07	196	203254	41.543 ng	98
46) 1,1'-Biphenyl	13.39	154	602360	41.374 ng	99
47) 2-Chloronaphthalene	13.44	162	463252	37.528 ng	99
48) 2-Nitroaniline	13.64	65	132264	38.587 ng	97
49) Acenaphthylene	14.28	152	753770	40.255 ng	99
50) Dimethylphthalate	14.02	163	616679	38.092 ng	100
51) 2,6-Dinitrotoluene	14.13	165	142215	39.851 ng	96
52) Acenaphthene	14.63	154	446172	38.452 ng	98
53) 3-Nitroaniline	14.46	138	113947	29.477 ng	97
54) 2,4-Dinitrophenol	14.68	184	174521	83.781 ng	98
55) Dibenzofuran	14.96	168	731560	39.285 ng	99
56) 4-Nitrophenol	14.79	139	229029	80.505 ng	100
57) 2,4-Dinitrotoluene	14.92	165	199212	39.149 ng	98
58) Fluorene	15.61	166	602843	38.572 ng	100
59) 2,3,4,6-Tetrachlorophenol	15.19	232	195338	41.114 ng	99
60) Diethylphthalate	15.38	149	603441	38.230 ng	99
61) 4-Chlorophenyl-phenylether	15.60	204	328305	38.141 ng	97
62) 4-Nitroaniline	15.63	138	144653	35.465 ng	98
63) Azobenzene	15.90	77	509476	39.680 ng	98
65) 4,6-Dinitro-2-methylphenol	15.69	198	129093	46.727 ng	95
66) n-Nitrosodiphenylamine	15.81	169	551803	41.904 ng	100
67) 4-Bromophenyl-phenylether	16.50	248	232425	40.815 ng	98
68) Hexachlorobenzene	16.62	284	243484	38.607 ng	99
69) Atrazine	16.77	200	205870	38.323 ng	99
70) Pentachlorophenol	16.96	266	285932	86.774 ng	99
71) Phenanthrene	17.35	178	989553	39.997 ng	99
72) Anthracene	17.44	178	1014710	41.570 ng	99
73) Carbazole	17.71	167	932459	40.459 ng	100
74) Di-n-butylphthalate	18.27	149	1057071	39.887 ng	100
75) Fluoranthene	19.36	202	1262214	39.644 ng	100
77) Benzidine	19.53	184	694681	59.435 ng	98
78) Pyrene	19.72	202	1270824	39.676 ng	99
80) Butylbenzylphthalate	20.61	149	497410	39.813 ng	99
81) Benzo(a)anthracene	21.54	228	1233418	39.341 ng	100
82) 3,3'-Dichlorobenzidine	21.45	252	401125	34.476 ng	99
83) Chrysene	21.60	228	1189850	39.454 ng	100
84) Bis(2-ethylhexyl)phthalate	21.46	149	691388	40.551 ng	99
85) Di-n-octyl phthalate	22.62	149	1224808	41.954 ng	100
87) Indeno(1,2,3-cd)pyrene	28.17	276	1516234	40.814 ng	100
88) Benzo(b)fluoranthene	23.68	252	1316401	40.758 ng	99
89) Benzo(k)fluoranthene	23.74	252	1251906	40.107 ng	98
90) Benzo(a)pyrene	24.51	252	1205145	39.984 ng	100
91) Dibenzo(a,h)anthracene	28.23	278	1245860	41.558 ng	98
92) Benzo(g,h,i)perylene	29.27	276	1275234	42.598 ng	98

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

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