Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051220\
Data File : BG045335.D
Acq On : 12 May 2020 19:06
Operator : CG/JU
Sample : PB128809BSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB128809BSD

Manual Integrations APPROVED
mohammad
5/14/2020 8:37:15 AM

Quant Time: May 13 01:14:47 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 12 15:48:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	62680	20.00	ng	0.00
21) Naphthalene-d8	10.78	136	240072	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	178960	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	437292	20.00	ng	0.00
76) Chrysene-d12	21.63	240	400367	20.00	ng	0.00
87) Perylene-d12	24.79	264	438424	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	392149	103.29	ng	0.00
7) Phenol-d6	7.14	99	547168	97.00	ng	0.00
23) Nitrobenzene-d5	9.13	82	352076	66.92	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	281275	101.74	ng	0.00
45) 2-Fluorobiphenyl	13.24	172	817520	66.98	ng	0.00
79) Terphenyl-d14	19.98	244	1484144	80.80	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.42	88	46024	27.277	ng	# 97
3) Pyridine	3.82	79	108037	20.796	ng	97
4) n-Nitrosodimethylamine	3.73	42	50585	31.785	ng	91
6) Aniline	7.29	93	158243	21.576	ng	98
8) 2-Chlorophenol	7.54	128	139149	34.102	ng	100
9) Benzaldehyde	7.10	77	107904	31.817	ng	91
10) Phenol	7.17	94	184846	32.747	ng	97
11) bis(2-Chloroethyl)ether	7.39	93	129684	28.856	ng	95
12) 1,3-Dichlorobenzene	7.86	146	148281	30.840	ng	96
13) 1,4-Dichlorobenzene	8.01	146	151916	31.709	ng	97
14) 1,2-Dichlorobenzene	8.33	146	139931	30.529	ng	96
15) Benzyl Alcohol	8.21	79	142294	30.087	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.50	45	120882	27.401	ng	94
17) 2-Methylphenol	8.42	107	128868	29.590	ng	96
18) Hexachloroethane	9.06	117	56597	31.424	ng	98
19) n-Nitroso-di-n-propylamine	8.78	70	115766	29.020	ng	96
20) 3+4-Methylphenols	8.75	107	177420	29.105	ng	97
22) Acetophenone	8.79	105	214924	33.105	ng	96
24) Nitrobenzene	9.17	77	175706	32.579	ng	95
25) Isophorone	9.70	82	329933	30.621	ng	98
26) 2-Nitrophenol	9.89	139	81220	34.962	ng	96
27) 2,4-Dimethylphenol	9.96	122	131485	35.671	ng	90
28) bis(2-Chloroethoxy)methane	10.18	93	179551	31.716	ng	99
29) 2,4-Dichlorophenol	10.43	162	143775	33.780	ng	99
30) 1,2,4-Trichlorobenzene	10.65	180	157259	32.633	ng	99
31) Naphthalene	10.83	128	427354	32.540	ng	98
32) Benzoic acid	10.09	122	70794	26.991	ng	94
33) 4-Chloroaniline	10.94	127	90916	14.844	ng	96
34) Hexachlorobutadiene	11.12	225	105200	31.840	ng	99
35) Caprolactam	11.69	113	55379m	32.692	ng	
36) 4-Chloro-3-methylphenol	12.07	107	170759	34.152	ng	99
37) 2-Methylnaphthalene	12.44	142	332320	32.601	ng	97
38) 1-Methylnaphthalene	12.66	142	314197	32.650	ng	95
40) 1,2,4,5-Tetrachlorobenzene	12.82	216	183005	31.760	ng	99

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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	12.80	237	246579	68.468	ng		96
43) 2,4,6-Trichlorophenol	13.05	196	132724	32.637	ng		92
44) 2,4,5-Trichlorophenol	13.13	196	145572	31.448	ng		93
46) 1,1'-Biphenyl	13.45	154	433918	31.901	ng		98
47) 2-Chloronaphthalene	13.49	162	330337	31.783	ng		99
48) 2-Nitroaniline	13.69	65	113021	33.051	ng		91
49) Acenaphthylene	14.34	152	560276	33.095	ng		98
50) Dimethylphthalate	14.07	163	473803	32.515	ng		98
51) 2,6-Dinitrotoluene	14.18	165	107196	32.890	ng		96
52) Acenaphthene	14.68	154	418545m	36.540	ng		
53) 3-Nitroaniline	14.51	138	61946	17.329	ng		85
54) 2,4-Dinitrophenol	14.73	184	129728	66.937	ng		92
55) Dibenzofuran	15.02	168	550304	32.953	ng		99
56) 4-Nitrophenol	14.84	139	178122	64.265	ng		98
57) 2,4-Dinitrotoluene	14.98	165	156006	32.753	ng		94
58) Fluorene	15.67	166	458052	33.580	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.25	232	143306	34.794	ng		99
60) Diethylphthalate	15.44	149	494243	32.532	ng		98
61) 4-Chlorophenyl-phenylether	15.66	204	253019	32.226	ng		99
62) 4-Nitroaniline	15.68	138	104514	28.189	ng		99
63) Azobenzene	15.95	77	464351	33.152	ng		98
65) 4,6-Dinitro-2-methylphenol	15.75	198	101166	35.196	ng		99
66) n-Nitrosodiphenylamine	15.87	169	414884	33.021	ng		96
67) 4-Bromophenyl-phenylether	16.55	248	174596	30.949	ng		99
68) Hexachlorobenzene	16.68	284	186556	31.885	ng		99
69) Atrazine	16.82	200	160166	33.757	ng		99
70) Pentachlorophenol	17.02	266	220158	61.338	ng		97
71) Phenanthrene	17.41	178	751540	33.444	ng		98
72) Anthracene	17.50	178	777935	34.512	ng		99
73) Carbazole	17.77	167	704874	30.815	ng		97
74) Di-n-butylphthalate	18.33	149	853842	32.621	ng		99
75) Fluoranthene	19.42	202	943120	34.231	ng		96
77) Benzidine	19.60	184	503360	43.164	ng		97
78) Pyrene	19.78	202	939455	34.036	ng		96
80) Butylbenzylphthalate	20.67	149	374777	32.757	ng		100
81) Benzo(a)anthracene	21.61	228	886397	34.159	ng		97
82) 3,3'-Dichlorobenzidine	21.52	252	205894	19.935	ng		97
83) Chrysene	21.67	228	843769	33.842	ng		98
84) Bis(2-ethylhexyl)phthalate	21.53	149	528631	33.595	ng		97
85) Di-n-octyl phthalate	22.72	149	898690	33.027	ng		99
86) Indeno(1,2,3-cd)pyrene	28.38	276	1082688	32.707	ng	#	97
88) Benzo(b)fluoranthene	23.79	252	922724	33.599	ng		99
89) Benzo(k)fluoranthene	23.86	252	902010	34.537	ng		96
90) Benzo(a)pyrene	24.65	252	856414	33.029	ng	#	96
91) Dibenzo(a,h)anthracene	28.44	278	890008	34.064	ng		99
92) Benzo(g,h,i)perylene	29.50	276	895765	34.197	ng		96

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

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