Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062320\
Data File : BG045834.D
Acq On : 23 Jun 2020 10:46
Operator : CG/JU
Sample : PB129662BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB129662BSD

Manual Integrations APPROVED
mohammad
6/24/2020 11:00:07 AM

Quant Time: Jun 23 11:27:02 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 15 18:34:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	49487	20.00	ng		0.00
21) Naphthalene-d8	10.72	136	191903	20.00	ng		0.00
39) Acenaphthene-d10	14.57	164	132334	20.00	ng		0.00
64) Phenanthrene-d10	17.32	188	311491	20.00	ng		0.00
76) Chrysene-d12	21.58	240	303889	20.00	ng		0.00
86) Perylene-d12	24.70	264	331874	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	417046	142.36	ng		0.00
7) Phenol-d6	7.14	99	579315	130.00	ng		-0.02
23) Nitrobenzene-d5	9.08	82	374849	89.23	ng		0.00
42) 2,4,6-Tribromophenol	16.07	330	267115	133.70	ng		0.00
45) 2-Fluorobiphenyl	13.18	172	822346	91.32	ng		0.00
79) Terphenyl-d14	19.93	244	1409430	93.99	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.37	88	51369	38.285	ng		98
3) Pyridine	3.77	79	146634	36.880	ng		99
4) n-Nitrosodimethylamine	3.68	42	59428	44.528	ng		98
6) Aniline	7.24	93	215484	41.069	ng		100
8) 2-Chlorophenol	7.50	128	148607	47.391	ng		90
9) Benzaldehyde	7.05	77	84310	31.500	ng		94
10) Phenol	7.17	94	196257	45.454	ng		96
11) bis(2-Chloroethyl)ether	7.34	93	135769	41.399	ng		96
12) 1,3-Dichlorobenzene	7.81	146	161949	43.338	ng		99
13) 1,4-Dichlorobenzene	7.95	146	163077	43.690	ng		94
14) 1,2-Dichlorobenzene	8.27	146	155114	43.408	ng		97
15) Benzyl Alcohol	8.17	79	150880	43.754	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.45	45	126230	40.840	ng		81
17) 2-Methylphenol	8.41	107	133407	41.518	ng		95
18) Hexachloroethane	9.00	117	62797	44.297	ng		95
19) n-Nitroso-di-n-propylamine	8.72	70	124273	42.420	ng		97
20) 3+4-Methylphenols	8.74	107	176054	41.661	ng	#	76
22) Acetophenone	8.74	105	225218	42.759	ng		95
24) Nitrobenzene	9.12	77	188707	42.132	ng		98
25) Isophorone	9.65	82	335803	41.293	ng		98
26) 2-Nitrophenol	9.84	139	84569	45.321	ng		97
27) 2,4-Dimethylphenol	9.93	122	131136	46.030	ng		93
28) bis(2-Chloroethoxy)methane	10.13	93	187154	44.058	ng		96
29) 2,4-Dichlorophenol	10.40	162	147452	44.362	ng		94
30) 1,2,4-Trichlorobenzene	10.59	180	167854	42.658	ng		99
31) Naphthalene	10.77	128	450934	42.980	ng		99
32) Benzoic acid	10.13	122	78774	43.639	ng		91
33) 4-Chloroaniline	10.90	127	153196	34.868	ng		98
34) Hexachlorobutadiene	11.06	225	119578	42.730	ng		97
35) Caprolactam	11.66	113	50102m	46.581	ng		
36) 4-Chloro-3-methylphenol	12.07	107	170232	44.357	ng		99
37) 2-Methylnaphthalene	12.38	142	339077	43.402	ng		98
38) 1-Methylnaphthalene	12.61	142	318808	43.122	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	189669	43.528	ng	#	96

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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	12.74	237	231454	94.461	ng		98
43) 2,4,6-Trichlorophenol	13.01	196	125830	42.591	ng		95
44) 2,4,5-Trichlorophenol	13.11	196	134962	40.082	ng		98
46) 1,1'-Biphenyl	13.39	154	425021	44.860	ng		100
47) 2-Chloronaphthalene	13.44	162	332712	43.473	ng		99
48) 2-Nitroaniline	13.65	65	107356	42.171	ng		97
49) Acenaphthylene	14.29	152	534148	43.574	ng		99
50) Dimethylphthalate	14.02	163	446823	43.101	ng		98
51) 2,6-Dinitrotoluene	14.15	165	100504	43.163	ng		95
52) Acenaphthene	14.63	154	323499	43.537	ng		97
53) 3-Nitroaniline	14.49	138	82307	35.389	ng	#	92
54) 2,4-Dinitrophenol	14.69	184	114433	87.333	ng		99
55) Dibenzofuran	14.97	168	525705	43.551	ng		99
56) 4-Nitrophenol	14.86	139	125024	75.277	ng		98
57) 2,4-Dinitrotoluene	14.94	165	143817	43.109	ng	#	99
58) Fluorene	15.61	166	440310	43.867	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.21	232	132590	45.370	ng		97
60) Diethylphthalate	15.39	149	460548	43.457	ng		98
61) 4-Chlorophenyl-phenylether	15.61	204	246259	42.568	ng		99
62) 4-Nitroaniline	15.66	138	100604	42.148	ng		95
63) Azobenzene	15.90	77	443472	43.580	ng		98
65) 4,6-Dinitro-2-methylphenol	15.71	198	91740	47.657	ng		96
66) n-Nitrosodiphenylamine	15.83	169	385333	43.675	ng		98
67) 4-Bromophenyl-phenylether	16.50	248	171779	42.442	ng		97
68) Hexachlorobenzene	16.63	284	190628	45.420	ng		94
69) Atrazine	16.78	200	151212	44.168	ng		99
70) Pentachlorophenol	16.99	266	154283	75.060	ng		97
71) Phenanthrene	17.36	178	710122	44.203	ng		100
72) Anthracene	17.45	178	722748	45.179	ng		99
73) Carbazole	17.73	167	661886	43.453	ng		99
74) Di-n-butylphthalate	18.28	149	794477	44.050	ng		100
75) Fluoranthene	19.37	202	893676	45.239	ng		99
77) Benzidine	19.56	184	548159	69.385	ng		100
78) Pyrene	19.73	202	880136	43.251	ng		100
80) Butylbenzylphthalate	20.63	149	356531	41.857	ng		99
81) Benzo(a)anthracene	21.56	228	842568	42.765	ng		98
82) 3,3'-Dichlorobenzidine	21.48	252	286163	38.398	ng		95
83) Chrysene	21.62	228	824733	43.278	ng		100
84) Bis(2-ethylhexyl)phthalate	21.47	149	506530	42.753	ng	#	97
85) Di-n-octyl phthalate	22.65	149	874076	42.770	ng		99
87) Indeno(1,2,3-cd)pyrene	28.26	276	1072672	44.584	ng	#	95
88) Benzo(b)fluoranthene	23.71	252	911749	43.817	ng		99
89) Benzo(k)fluoranthene	23.78	252	923047	46.349	ng		98
90) Benzo(a)pyrene	24.56	252	847083	43.579	ng		99
91) Dibenzo(a,h)anthracene	28.31	278	872912	45.244	ng		99
92) Benzo(g,h,i)perylene	29.37	276	863049	44.692	ng		97

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

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