Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052720\
Data File : BG045481.D
Acq On : 27 May 2020 18:15
Operator : CG/JU
Sample : L2745-19MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
NM62-COMP-2020-0-6MS

Manual Integrations APPROVED
mohammad
5/29/2020 10:24:37 PM

Quant Time: May 28 01:18:34 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 27 13:40:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	82703	20.00	ng		0.00
21) Naphthalene-d8	10.77	136	332009	20.00	ng		0.00
39) Acenaphthene-d10	14.60	164	240885	20.00	ng		0.00
64) Phenanthrene-d10	17.35	188	541875	20.00	ng		0.00
76) Chrysene-d12	21.61	240	474293	20.00	ng		0.00
87) Perylene-d12	24.76	264	532055	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	374543	88.51	ng		0.00
7) Phenol-d6	7.17	99	559883	92.95	ng		0.00
23) Nitrobenzene-d5	9.12	82	374364	61.49	ng		0.00
42) 2,4,6-Tribromophenol	16.10	330	291413	94.59	ng		0.00
45) 2-Fluorobiphenyl	13.22	172	891052	62.74	ng		0.00
79) Terphenyl-d14	19.96	244	1433922	70.51	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.40	88	74110	35.315	ng		96
3) Pyridine	3.80	79	177254	30.328	ng		94
4) n-Nitrosodimethylamine	3.72	42	79342	41.486	ng	#	97
6) Aniline	7.28	93	140271	17.840	ng		95
8) 2-Chlorophenol	7.54	128	233765	50.372	ng		98
9) Benzaldehyde	7.09	77	148010	37.717	ng		93
10) Phenol	7.20	94	306339	49.348	ng		98
11) bis(2-Chloroethyl)ether	7.38	93	209605	43.289	ng		99
12) 1,3-Dichlorobenzene	7.85	146	251568	45.109	ng		99
13) 1,4-Dichlorobenzene	8.00	146	252271	45.837	ng		95
14) 1,2-Dichlorobenzene	8.31	146	237025	44.778	ng		98
15) Benzyl Alcohol	8.21	79	231531	46.532	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.49	45	194353	42.286	ng		99
17) 2-Methylphenol	8.44	107	210146	45.227	ng		96
18) Hexachloroethane	9.05	117	97159	46.094	ng		90
19) n-Nitroso-di-n-propylamine	8.76	70	188495	45.256	ng		99
20) 3+4-Methylphenols	8.77	107	281434m	44.480	ng		
22) Acetophenone	8.78	105	346001	43.970	ng	#	96
24) Nitrobenzene	9.16	77	288196	44.181	ng		98
25) Isophorone	9.69	82	517092	43.126	ng		98
26) 2-Nitrophenol	9.88	139	135224	48.460	ng		90
27) 2,4-Dimethylphenol	9.96	122	220936	53.383	ng		97
28) bis(2-Chloroethoxy)methane	10.17	93	288892	45.942	ng		97
29) 2,4-Dichlorophenol	10.44	162	245935	50.321	ng		98
30) 1,2,4-Trichlorobenzene	10.63	180	270511	46.841	ng		99
31) Naphthalene	10.81	128	718153	46.418	ng		98
32) Benzoic acid	10.16	122	159335	54.809	ng		91
33) 4-Chloroaniline	10.94	127	71687	11.085	ng		95
34) Hexachlorobutadiene	11.11	225	185807	45.516	ng		95
35) Caprolactam	11.70	113	82048m	45.738	ng		
36) 4-Chloro-3-methylphenol	12.10	107	275468	50.020	ng		95
37) 2-Methylnaphthalene	12.42	142	541739	46.979	ng		98
38) 1-Methylnaphthalene	12.64	142	518042	47.558	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.80	216	319591	47.500	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	287216	73.959 ng		97
43) 2,4,6-Trichlorophenol	13.05	196	221421	47.374 ng		95
44) 2,4,5-Trichlorophenol	13.14	196	234515	43.908 ng		96
46) 1,1'-Biphenyl	13.43	154	705598	47.671 ng		100
47) 2-Chloronaphthalene	13.48	162	537547	44.724 ng		99
48) 2-Nitroaniline	13.69	65	167280	42.310 ng		86
49) Acenaphthylene	14.33	152	881048	45.636 ng		100
50) Dimethylphthalate	14.06	163	806427	48.802 ng		99
51) 2,6-Dinitrotoluene	14.18	165	162807	43.662 ng		96
52) Acenaphthene	14.67	154	627419m	48.551 ng		
53) 3-Nitroaniline	14.52	138	76491	20.180 ng		94
54) 2,4-Dinitrophenol	14.72	184	161175	66.942 ng		96
55) Dibenzofuran	15.00	168	846527	44.111 ng		98
56) 4-Nitrophenol	14.88	139	254630	88.729 ng		97
57) 2,4-Dinitrotoluene	14.97	165	227986	42.218 ng	#	97
58) Fluorene	15.66	166	692096	43.897 ng		99
59) 2,3,4,6-Tetrachlorophenol	15.24	232	216411	46.055 ng		98
60) Diethylphthalate	15.43	149	718809	41.793 ng		98
61) 4-Chlorophenyl-phenylether	15.64	204	389518	43.174 ng		99
62) 4-Nitroaniline	15.68	138	139598	35.278 ng		94
63) Azobenzene	15.94	77	683411	42.614 ng		98
65) 4,6-Dinitro-2-methylphenol	15.74	198	122782	38.906 ng		98
66) n-Nitrosodiphenylamine	15.86	169	612418	47.071 ng		100
67) 4-Bromophenyl-phenylether	16.54	248	265298	45.214 ng		95
68) Hexachlorobenzene	16.67	284	299572	48.814 ng		99
69) Atrazine	16.81	200	229633	42.851 ng		98
70) Pentachlorophenol	17.02	266	322933	101.341 ng		99
71) Phenanthrene	17.39	178	1145432	48.421 ng		99
72) Anthracene	17.48	178	1143977	48.155 ng		98
73) Carbazole	17.76	167	1006956	43.485 ng		99
74) Di-n-butylphthalate	18.32	149	1176005	42.312 ng		99
75) Fluoranthene	19.40	202	1417649	47.115 ng		98
77) Benzidine	19.59	184	473394	35.538 ng		99
78) Pyrene	19.77	202	1383429	51.169 ng		98
80) Butylbenzylphthalate	20.65	149	525851	45.060 ng		99
81) Benzo(a)anthracene	21.59	228	1299439	49.181 ng		99
82) 3,3'-Dichlorobenzidine	21.51	252	296004	28.561 ng		100
83) Chrysene	21.66	228	1214898	47.821 ng		97
84) Bis(2-ethylhexyl)phthalate	21.51	149	721893	45.001 ng		99
85) Di-n-octyl phthalate	22.69	149	1202063	43.629 ng		100
86) Indeno(1,2,3-cd)pyrene	28.34	276	1606404	48.354 ng		99
88) Benzo(b)fluoranthene	23.77	252	1362427	47.746 ng		99
89) Benzo(k)fluoranthene	23.83	252	1292275	48.205 ng		98
90) Benzo(a)pyrene	24.61	252	1250740	47.064 ng		99
91) Dibenzo(a,h)anthracene	28.40	278	1280235	47.939 ng		99
92) Benzo(g,h,i)perylene	29.45	276	1342411	50.261 ng		97

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

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