Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG060920\
Data File : BG045664.D
Acq On : 9 Jun 2020 15:05
Operator : CG/JU
Sample : L2924-01MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jun 09 16:25:29 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 01 15:07:00 2020
Response via : Initial Calibration

Instrument : BNA_G
ClientSampleId : SPMS

Manual Integrations APPROVED
mohammad
6/10/2020 11:50:10 AM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	63542	20.00	ng		0.00
21) Naphthalene-d8	10.75	136	248657	20.00	ng		0.00
39) Acenaphthene-d10	14.59	164	183190	20.00	ng		0.00
64) Phenanthrene-d10	17.34	188	425003	20.00	ng		0.00
76) Chrysene-d12	21.60	240	397163	20.00	ng		0.00
87) Perylene-d12	24.74	264	430491	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	345775	106.35	ng		0.00
7) Phenol-d6	7.14	99	488745	105.61	ng		0.00
23) Nitrobenzene-d5	9.11	82	331786	72.76	ng		0.00
42) 2,4,6-Tribromophenol	16.09	330	241257	102.98	ng		0.00
45) 2-Fluorobiphenyl	13.21	172	765232	70.85	ng		0.00
79) Terphenyl-d14	19.95	244	1284437	75.43	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	61629	38.22	ng	#	95
3) Pyridine	3.80	79	141889	31.60	ng		97
4) n-Nitrosodimethylamine	3.72	42	66425	45.21	ng		89
6) Aniline	7.27	93	133691	22.13	ng		99
8) 2-Chlorophenol	7.52	128	165720	46.48	ng		98
9) Benzaldehyde	7.08	77	101202	33.57	ng		97
10) Phenol	7.16	94	219349	45.99	ng		98
11) bis(2-Chloroethyl)ether	7.36	93	152805	41.07	ng		99
12) 1,3-Dichlorobenzene	7.83	146	176331	41.15	ng		98
13) 1,4-Dichlorobenzene	7.98	146	180359	42.65	ng		97
14) 1,2-Dichlorobenzene	8.30	146	168019	41.31	ng		98
15) Benzyl Alcohol	8.19	79	172279	45.06	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.48	45	140593	39.81	ng		98
17) 2-Methylphenol	8.42	107	147697	41.37	ng		95
18) Hexachloroethane	9.03	117	68036	42.01	ng		90
19) n-Nitroso-di-n-propylamine	8.76	70	137459	42.95	ng		95
20) 3+4-Methylphenols	8.74	107	203803	41.92	ng		97
22) Acetophenone	8.77	105	248974	42.25	ng		97
24) Nitrobenzene	9.15	77	213386	43.68	ng		96
25) Isophorone	9.68	82	380703	42.39	ng		98
26) 2-Nitrophenol	9.87	139	93572	44.77	ng		98
27) 2,4-Dimethylphenol	9.94	122	161273	52.03	ng		98
28) bis(2-Chloroethoxy)methane	10.16	93	210532	44.70	ng		98
29) 2,4-Dichlorophenol	10.42	162	172550	47.14	ng		98
30) 1,2,4-Trichlorobenzene	10.62	180	187490	43.35	ng		94
31) Naphthalene	10.80	128	512710	44.25	ng		99
32) Benzoic acid	10.12	122	74490	37.98	ng		92
33) 4-Chloroaniline	10.92	127	58407	12.06	ng	#	92
34) Hexachlorobutadiene	11.09	225	129860	42.47	ng		95
35) Caprolactam	11.69	113	57618m	42.89	ng		
36) 4-Chloro-3-methylphenol	12.06	107	196183	47.56	ng		91
37) 2-Methylnaphthalene	12.42	142	384761	44.55	ng		95
38) 1-Methylnaphthalene	12.63	142	369308	45.27	ng	#	93
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	223388	43.66	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	269942	91.40	ng		99
43) 2,4,6-Trichlorophenol	13.03	196	154795	43.55	ng		97
44) 2,4,5-Trichlorophenol	13.12	196	160542	39.52	ng		99
46) 1,1'-Biphenyl	13.43	154	505414	44.90	ng		100
47) 2-Chloronaphthalene	13.47	162	382586	41.86	ng		98
48) 2-Nitroaniline	13.67	65	125735	41.82	ng		94
49) Acenaphthylene	14.31	152	635977	43.32	ng		99
50) Dimethylphthalate	14.05	163	606698	48.28	ng	#	98
51) 2,6-Dinitrotoluene	14.17	165	116161	40.96	ng		98
52) Acenaphthene	14.65	154	368017	37.45	ng		99
53) 3-Nitroaniline	14.50	138	51235	17.77	ng		99
54) 2,4-Dinitrophenol	14.71	184	106668	58.96	ng		98
55) Dibenzofuran	15.00	168	615364	42.16	ng		96
56) 4-Nitrophenol	14.84	139	159119	72.91	ng		85
57) 2,4-Dinitrotoluene	14.96	165	166265	40.49	ng		97
58) Fluorene	15.64	166	509133	42.46	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.23	232	146215	40.92	ng		99
60) Diethylphthalate	15.41	149	530155	40.53	ng		98
61) 4-Chlorophenyl-phenylether	15.64	204	288273	42.02	ng		99
62) 4-Nitroaniline	15.67	138	112709	37.45	ng		95
63) Azobenzene	15.93	77	516543	42.35	ng		96
65) 4,6-Dinitro-2-methylphenol	15.73	198	99289	40.11	ng		96
66) n-Nitrosodiphenylamine	15.85	169	449603	44.06	ng		97
67) 4-Bromophenyl-phenylether	16.53	248	196887	42.78	ng		97
68) Hexachlorobenzene	16.65	284	212917	44.23	ng		97
69) Atrazine	16.80	200	174730	41.57	ng		95
70) Pentachlorophenol	17.00	266	198938	79.60	ng		98
71) Phenanthrene	17.39	178	808679	43.59	ng		99
72) Anthracene	17.47	178	839158	45.04	ng		99
73) Carbazole	17.74	167	747174	41.14	ng		99
74) Di-n-butylphthalate	18.30	149	894746	41.05	ng		99
75) Fluoranthene	19.40	202	987255	41.83	ng		99
77) Benzidine	19.57	184	282697	25.34	ng		98
78) Pyrene	19.75	202	986728	43.58	ng		100
80) Butylbenzylphthalate	20.65	149	394923	40.41	ng		99
81) Benzo(a)anthracene	21.58	228	956513	43.23	ng		100
82) 3,3'-Dichlorobenzidine	21.50	252	193454	22.29	ng		97
83) Chrysene	21.65	228	914735	43.00	ng		100
84) Bis(2-ethylhexyl)phthalate	21.49	149	559839	41.68	ng		100
85) Di-n-octyl phthalate	22.68	149	950377	41.19	ng		100
86) Indeno(1,2,3-cd)pyrene	28.31	276	1200060	43.14	ng	#	91
88) Benzo(b)fluoranthene	23.75	252	1019716	44.17	ng		99
89) Benzo(k)fluoranthene	23.81	252	980088	45.18	ng		100
90) Benzo(a)pyrene	24.60	252	936863	43.57	ng		98
91) Dibenzo(a,h)anthracene	28.38	278	979504	45.33	ng		99
92) Benzo(g,h,i)perylene	29.43	276	996323	46.10	ng		97

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

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