Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050319\
Data File : BG040730.D
Acq On : 3 May 2019 18:30
Operator : JU/SJ
Sample : K2635-02MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : AU-05-050219-AMS

Manual Integrations APPROVED
mohammad
5/7/2019 11:58:28 PM

Quant Time: May 04 07:06:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:35:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	38465	20.00	ng		-0.01
21) Naphthalene-d8	10.97	136	154088	20.00	ng		-0.01
39) Acenaphthene-d10	14.77	164	119398	20.00	ng		-0.02
64) Phenanthrene-d10	17.52	188	337173	20.00	ng		-0.02
76) Chrysene-d12	21.81	240	345241	20.00	ng		-0.02
87) Perylene-d12	25.17	264	369904	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.68	112	373586	171.21	ng		0.00
7) Phenol-d6	7.29	99	524276	156.04	ng		0.00
23) Nitrobenzene-d5	9.33	82	424121	127.18	ng		-0.01
42) 2,4,6-Tribromophenol	16.27	330	355258	216.47	ng		0.00
45) 2-Fluorobiphenyl	13.40	172	887456	107.34	ng		-0.02
79) Terphenyl-d14	20.11	244	1892091	121.42	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	44922	45.267	ng	#	25
3) Pyridine	3.96	79	129855	45.145	ng		96
4) n-Nitrosodimethylamine	3.87	42	81498	51.081	ng		93
6) Aniline	7.47	93	90531	20.329	ng		98
8) 2-Chlorophenol	7.71	128	146454	54.967	ng		95
9) Benzaldehyde	7.29	77	105195	59.220	ng		94
10) Phenol	7.31	94	183381	50.775	ng		97
11) bis(2-Chloroethyl)ether	7.56	93	139670	51.571	ng		98
12) 1,3-Dichlorobenzene	8.03	146	126699	43.567	ng		98
13) 1,4-Dichlorobenzene	8.19	146	131383	44.565	ng		98
14) 1,2-Dichlorobenzene	8.50	146	126087	44.348	ng		96
15) Benzyl Alcohol	8.38	79	190260	54.424	ng		100
16) 2,2'-oxybis(1-Chloropropan	8.67	45	243861	45.226	ng		95
17) 2-Methylphenol	8.57	107	141574	55.391	ng		94
18) Hexachloroethane	9.23	117	47486	39.266	ng		95
19) n-Nitroso-di-n-propylamine	8.96	70	145878	48.234	ng		93
20) 3+4-Methylphenols	8.90	107	196760	55.261	ng		97
22) Acetophenone	8.98	105	257615	60.123	ng	#	97
24) Nitrobenzene	9.37	77	224248	63.026	ng		98
25) Isophorone	9.89	82	409443	55.120	ng		100
26) 2-Nitrophenol	10.08	139	87464	68.578	ng		93
27) 2,4-Dimethylphenol	10.12	122	163226	68.210	ng		97
28) bis(2-Chloroethoxy)methane	10.37	93	207002	55.543	ng		98
29) 2,4-Dichlorophenol	10.61	162	181034	66.544	ng		96
30) 1,2,4-Trichlorobenzene	10.83	180	162322	53.804	ng		99
31) Naphthalene	11.02	128	440112	53.763	ng		100
32) Benzoic acid	10.24	122	93473	57.058	ng	#	83
33) 4-Chloroaniline	11.13	127	16657	4.589	ng		95
34) Hexachlorobutadiene	11.28	225	111516	50.068	ng		98
35) Caprolactam	11.91	113	55001m	51.207	ng		
36) 4-Chloro-3-methylphenol	12.23	107	219386	63.924	ng		98
37) 2-Methylnaphthalene	12.62	142	351534	57.434	ng		98
38) 1-Methylnaphthalene	12.83	142	336688	56.278	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	245535	55.203	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	235687	89.799	ng		95
43) 2,4,6-Trichlorophenol	13.21	196	177592	66.071	ng		98
44) 2,4,5-Trichlorophenol	13.28	196	201678	68.878	ng		97
46) 1,1'-Biphenyl	13.61	154	490208	52.880	ng		96
47) 2-Chloronaphthalene	13.66	162	416454	57.404	ng		96
48) 2-Nitroaniline	13.86	65	179325	69.441	ng		97
49) Acenaphthylene	14.50	152	668103	54.280	ng		99
50) Dimethylphthalate	14.23	163	604081	60.470	ng		98
51) 2,6-Dinitrotoluene	14.35	165	136224	69.869	ng		92
52) Acenaphthene	14.84	154	397767	55.492	ng		97
53) 3-Nitroaniline	14.68	138	49402	24.730	ng	#	87
54) 2,4-Dinitrophenol	14.89	184	92087	83.416	ng	#	78
55) Dibenzofuran	15.17	168	695960	59.277	ng		98
56) 4-Nitrophenol	14.97	139	205496	118.632	ng		94
57) 2,4-Dinitrotoluene	15.14	165	201552	76.077	ng		88
58) Fluorene	15.82	166	564531	59.490	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.39	232	215190	73.017	ng		98
60) Diethylphthalate	15.58	149	635567	60.300	ng		99
61) 4-Chlorophenyl-phenylether	15.81	204	341485	61.872	ng		98
62) 4-Nitroaniline	15.85	138	138112	61.805	ng		98
63) Azobenzene	16.10	77	622804	57.376	ng		98
65) 4,6-Dinitro-2-methylphenol	15.89	198	88257	52.366	ng		88
66) n-Nitrosodiphenylamine	16.02	169	539452	54.380	ng		100
67) 4-Bromophenyl-phenylether	16.70	248	235669	56.102	ng		94
68) Hexachlorobenzene	16.81	284	246884	56.839	ng		95
69) Atrazine	16.96	200	246124	62.623	ng		99
70) Pentachlorophenol	17.16	266	276042	108.605	ng		97
71) Phenanthrene	17.56	178	1047320	57.669	ng		98
72) Anthracene	17.65	178	1059765	58.054	ng		99
73) Carbazole	17.92	167	952844	57.291	ng		99
74) Di-n-butylphthalate	18.46	149	1151989	57.387	ng		99
75) Fluoranthene	19.56	202	1360089	60.097	ng		100
77) Benzidine	19.74	184	140800	14.895	ng		98
78) Pyrene	19.93	202	1357717	62.746	ng		97
80) Butylbenzylphthalate	20.80	149	532987	63.198	ng		93
81) Benzo(a)anthracene	21.78	228	1322158	60.595	ng		99
82) 3,3'-Dichlorobenzidine	21.69	252	190366	24.478	ng		96
83) Chrysene	21.85	228	1291170	62.222	ng		98
84) Bis(2-ethylhexyl)phthalate	21.66	149	730231	59.983	ng		96
85) Di-n-octyl phthalate	22.92	149	1259633	61.438	ng		98
86) Indeno(1,2,3-cd)pyrene	29.03	276	1491816	59.461	ng	#	90
88) Benzo(b)fluoranthene	24.09	252	1374809	60.821	ng		97
89) Benzo(k)fluoranthene	24.16	252	1321482	62.599	ng		99
90) Benzo(a)pyrene	25.01	252	1321777	61.774	ng		100
91) Dibenzo(a,h)anthracene	29.10	278	1208392	55.807	ng		98
92) Benzo(g,h,i)perylene	30.25	276	1163375	53.986	ng		98

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

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