Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050819\
Data File : BG040798.D
Acq On : 8 May 2019 21:33
Operator : HP/JU
Sample : K2641-02MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CL-02-050719-AMSD

Manual Integrations APPROVED
Sohil
5/9/2019 6:47:31 PM

Quant Time: May 09 05:23:25 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	40522	20.00	ng		-0.01
21) Naphthalene-d8	10.97	136	164209	20.00	ng		-0.02
39) Acenaphthene-d10	14.77	164	128885	20.00	ng		-0.02
64) Phenanthrene-d10	17.52	188	358743	20.00	ng		-0.02
76) Chrysene-d12	21.80	240	348580	20.00	ng		-0.02
87) Perylene-d12	25.15	264	350772	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.68	112	373573	162.51	ng		0.00
7) Phenol-d6	7.28	99	525281	148.41	ng		-0.01
23) Nitrobenzene-d5	9.32	82	417426	117.46	ng		-0.02
42) 2,4,6-Tribromophenol	16.26	330	350507	197.85	ng		-0.01
45) 2-Fluorobiphenyl	13.40	172	898351	100.66	ng		-0.02
79) Terphenyl-d14	20.11	244	1851162	117.65	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	46645	44.617	ng	#	30
3) Pyridine	3.96	79	117114	38.648	ng		96
4) n-Nitrosodimethylamine	3.87	42	81374	48.414	ng		94
6) Aniline	7.46	93	75993	16.198	ng		95
8) 2-Chlorophenol	7.70	128	147871	52.681	ng		98
9) Benzaldehyde	7.28	77	79401	36.461	ng		92
10) Phenol	7.31	94	178405	46.890	ng		95
11) bis(2-Chloroethyl)ether	7.56	93	142765	50.038	ng		99
12) 1,3-Dichlorobenzene	8.03	146	142590	46.542	ng		97
13) 1,4-Dichlorobenzene	8.18	146	146043	47.023	ng		93
14) 1,2-Dichlorobenzene	8.50	146	139811	46.679	ng		98
15) Benzyl Alcohol	8.38	79	183645	49.865	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.66	45	240459	42.332	ng		97
17) 2-Methylphenol	8.58	107	145336	53.977	ng		97
18) Hexachloroethane	9.23	117	54654	42.899	ng		99
19) n-Nitroso-di-n-propylamine	8.95	70	144788	45.443	ng		94
20) 3+4-Methylphenols	8.90	107	200756	53.521	ng		98
22) Acetophenone	8.97	105	257683	56.432	ng	#	93
24) Nitrobenzene	9.36	77	219429	57.870	ng		96
25) Isophorone	9.88	82	414641	52.379	ng		98
26) 2-Nitrophenol	10.07	139	90637	66.685	ng		94
27) 2,4-Dimethylphenol	10.11	122	164323	64.436	ng		98
28) bis(2-Chloroethoxy)methane	10.36	93	209219	52.678	ng		98
29) 2,4-Dichlorophenol	10.60	162	183146	63.171	ng		94
30) 1,2,4-Trichlorobenzene	10.83	180	176888	55.018	ng		98
31) Naphthalene	11.02	128	467493	53.587	ng		97
32) Benzoic acid	10.24	122	104659	59.949	ng		92
33) 4-Chloroaniline	11.12	127	19066	4.929	ng	#	81
34) Hexachlorobutadiene	11.28	225	126576	53.327	ng		98
35) Caprolactam	11.91	113	56102	49.013	ng	#	82
36) 4-Chloro-3-methylphenol	12.22	107	224802	61.465	ng		99
37) 2-Methylnaphthalene	12.61	142	364086	55.819	ng		98
38) 1-Methylnaphthalene	12.83	142	351272	55.097	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	260072	54.167	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	273590	96.567	ng		98
43) 2,4,6-Trichlorophenol	13.21	196	181374	62.511	ng		99
44) 2,4,5-Trichlorophenol	13.28	196	206766	65.418	ng		98
46) 1,1'-Biphenyl	13.61	154	509439	50.910	ng		97
47) 2-Chloronaphthalene	13.66	162	417518	53.315	ng		98
48) 2-Nitroaniline	13.86	65	183999	66.006	ng		99
49) Acenaphthylene	14.50	152	679763	51.162	ng		98
50) Dimethylphthalate	14.22	163	618463	57.353	ng		98
51) 2,6-Dinitrotoluene	14.35	165	137566	65.364	ng		90
52) Acenaphthene	14.84	154	409661	52.944	ng		96
53) 3-Nitroaniline	14.68	138	56972	26.420	ng	#	86
54) 2,4-Dinitrophenol	14.88	184	75611	65.129	ng		91
55) Dibenzofuran	15.17	168	704585	55.595	ng		99
56) 4-Nitrophenol	14.97	139	183960	98.382	ng		96
57) 2,4-Dinitrotoluene	15.13	165	201367	70.412	ng	#	92
58) Fluorene	15.81	166	568881	55.535	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.39	232	217161	68.262	ng		96
60) Diethylphthalate	15.57	149	640040	56.255	ng		97
61) 4-Chlorophenyl-phenylether	15.80	204	353688	59.366	ng		96
62) 4-Nitroaniline	15.84	138	139988	58.033	ng		95
63) Azobenzene	16.10	77	617098	52.666	ng		97
65) 4,6-Dinitro-2-methylphenol	15.89	198	78845	45.107	ng		91
66) n-Nitrosodiphenylamine	16.02	169	537623	50.937	ng		99
67) 4-Bromophenyl-phenylether	16.70	248	240932	53.907	ng		92
68) Hexachlorobenzene	16.81	284	251691	54.462	ng		97
69) Atrazine	16.96	200	239398	57.249	ng		97
70) Pentachlorophenol	17.15	266	285152	105.444	ng		97
71) Phenanthrene	17.56	178	1024456	53.018	ng		98
72) Anthracene	17.65	178	1047582	53.936	ng		97
73) Carbazole	17.92	167	922176	52.113	ng		99
74) Di-n-butylphthalate	18.45	149	1111568	52.044	ng		99
75) Fluoranthene	19.56	202	1332722	55.347	ng		99
77) Benzidine	19.74	184	29892	3.132	ng	#	94
78) Pyrene	19.92	202	1333679	61.045	ng		97
80) Butylbenzylphthalate	20.79	149	507967	59.655	ng		93
81) Benzo(a)anthracene	21.78	228	1279786	58.092	ng		99
82) 3,3'-Dichlorobenzidine	21.69	252	187483	23.876	ng		99
83) Chrysene	21.85	228	1269694	60.601	ng		98
84) Bis(2-ethylhexyl)phthalate	21.65	149	705724	57.415	ng		98
85) Di-n-octyl phthalate	22.91	149	1183977	57.195	ng		97
86) Indeno(1,2,3-cd)pyrene	29.00	276	1088812	42.982	ng	#	63
88) Benzo(b)fluoranthene	24.08	252	1277482m	59.597	ng		
89) Benzo(k)fluoranthene	24.15	252	1293580	64.620	ng		97
90) Benzo(a)pyrene	25.00	252	1238745	61.052	ng		100
91) Dibenzo(a,h)anthracene	29.07	278	827756	40.313	ng		97
92) Benzo(g,h,i)perylene	30.21	276	909204	44.492	ng		97

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

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