Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050219\
Data File : BG040716.D
Acq On : 2 May 2019 20:54
Operator : JU/SJ
Sample : K2204-06MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TR-04-043019MSD

Manual Integrations APPROVED
Sohil
5/3/2019 4:29:22 PM

Quant Time: May 03 07:53:55 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	8.14	152	44429	20.00	ng		-0.01
21) Naphthalene-d8	10.97	136	180500	20.00	ng		-0.01
39) Acenaphthene-d10	14.78	164	142018	20.00	ng		-0.01
64) Phenanthrene-d10	17.52	188	404504	20.00	ng		-0.01
76) Chrysene-d12	21.80	240	401199	20.00	ng		-0.02
87) Perylene-d12	25.16	264	417576	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.68	112	413526	164.07	ng		0.00
7) Phenol-d6	7.29	99	595221	153.38	ng		0.00
23) Nitrobenzene-d5	9.32	82	454916	116.45	ng		-0.01
42) 2,4,6-Tribromophenol	16.26	330	387933	198.73	ng		0.00
45) 2-Fluorobiphenyl	13.40	172	974207	99.07	ng		-0.01
79) Terphenyl-d14	20.11	244	2012898	111.15	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.56	88	51582	45.001	ng	#	41
3) Pyridine	3.97	79	161217	48.524	ng		100
4) n-Nitrosodimethylamine	3.88	42	88523	48.036	ng		86
6) Aniline	7.47	93	72527	14.100	ng		95
8) 2-Chlorophenol	7.70	128	160484	52.147	ng		91
9) Benzaldehyde	7.28	77	39786	12.722	ng		96
10) Phenol	7.32	94	209208	50.151	ng		96
11) bis(2-Chloroethyl)ether	7.56	93	153575	49.094	ng		98
12) 1,3-Dichlorobenzene	8.03	146	160304	47.723	ng		100
13) 1,4-Dichlorobenzene	8.18	146	164051	48.177	ng		97
14) 1,2-Dichlorobenzene	8.50	146	159969	48.712	ng		97
15) Benzyl Alcohol	8.38	79	202094	50.049	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.67	45	273427	43.902	ng		97
17) 2-Methylphenol	8.58	107	158421	53.662	ng		97
18) Hexachloroethane	9.24	117	62677	44.870	ng		96
19) n-Nitroso-di-n-propylamine	8.95	70	156484	44.795	ng		97
20) 3+4-Methylphenols	8.91	107	218694	53.177	ng		98
22) Acetophenone	8.98	105	280057	55.797	ng	#	96
24) Nitrobenzene	9.37	77	239472	57.456	ng		99
25) Isophorone	9.88	82	448748	51.571	ng		99
26) 2-Nitrophenol	10.08	139	94001	62.918	ng	#	87
27) 2,4-Dimethylphenol	10.12	122	182946	65.264	ng		96
28) bis(2-Chloroethoxy)methane	10.36	93	223568	51.210	ng		97
29) 2,4-Dichlorophenol	10.61	162	201588	63.256	ng		95
30) 1,2,4-Trichlorobenzene	10.83	180	195530	55.328	ng		97
31) Naphthalene	11.02	128	514718	53.676	ng		99
32) Benzoic acid	10.25	122	128884	67.162	ng		89
33) 4-Chloroaniline	11.13	127	10888	2.561	ng	#	86
34) Hexachlorobutadiene	11.29	225	139051	53.295	ng		95
35) Caprolactam	11.91	113	63741m	50.661	ng		
36) 4-Chloro-3-methylphenol	12.23	107	259106	64.450	ng		98
37) 2-Methylnaphthalene	12.61	142	398874	55.633	ng		99
38) 1-Methylnaphthalene	12.83	142	383224	54.683	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	272168	51.444	ng		98

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Quant Time: May 03 07:53:55 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	315021	100.909	ng		99
43) 2,4,6-Trichlorophenol	13.21	196	198876	62.205	ng		96
44) 2,4,5-Trichlorophenol	13.28	196	217736	62.518	ng		98
46) 1,1'-Biphenyl	13.61	154	551988	50.061	ng		96
47) 2-Chloronaphthalene	13.66	162	452563	52.446	ng		98
48) 2-Nitroaniline	13.87	65	197013	64.139	ng		98
49) Acenaphthylene	14.51	152	745628	50.929	ng		98
50) Dimethylphthalate	14.22	163	674721	56.783	ng		99
51) 2,6-Dinitrotoluene	14.35	165	147569	63.633	ng		99
52) Acenaphthene	14.84	154	443438	52.010	ng		95
53) 3-Nitroaniline	14.68	138	23480	9.882	ng	#	96
54) 2,4-Dinitrophenol	14.89	184	195262	143.214	ng	#	81
55) Dibenzofuran	15.18	168	757498	54.242	ng		98
56) 4-Nitrophenol	14.98	139	240442	116.697	ng		96
57) 2,4-Dinitrotoluene	15.14	165	219135	69.539	ng		97
58) Fluorene	15.82	166	622501	55.150	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.39	232	237453	67.738	ng		98
60) Diethylphthalate	15.58	149	707297	56.417	ng		99
61) 4-Chlorophenyl-phenylether	15.81	204	379810	57.856	ng		99
62) 4-Nitroaniline	15.85	138	129876	48.862	ng		92
63) Azobenzene	16.10	77	672575	52.093	ng		99
65) 4,6-Dinitro-2-methylphenol	15.89	198	129701	62.549	ng		91
66) n-Nitrosodiphenylamine	16.02	169	553461	46.506	ng		99
67) 4-Bromophenyl-phenylether	16.70	248	256849	50.967	ng		96
68) Hexachlorobenzene	16.81	284	267089	51.256	ng		94
69) Atrazine	16.96	200	135132	28.659	ng		98
70) Pentachlorophenol	17.16	266	364614	119.574	ng		99
71) Phenanthrene	17.56	178	1118698	51.346	ng		97
72) Anthracene	17.66	178	1142529	52.170	ng		98
73) Carbazole	17.93	167	956785	47.952	ng		99
74) Di-n-butylphthalate	18.46	149	1225225	50.876	ng		99
75) Fluoranthene	19.57	202	1440886	53.069	ng		99
77) Benzidine	19.75	184	35103m	3.196	ng		
78) Pyrene	19.92	202	1454930	57.861	ng		97
80) Butylbenzylphthalate	20.79	149	567204	57.875	ng		99
81) Benzo(a)anthracene	21.78	228	1389336	54.793	ng		98
82) 3,3'-Dichlorobenzidine	21.70	252	59463	6.580	ng		95
83) Chrysene	21.86	228	1353803	56.141	ng		99
84) Bis(2-ethylhexyl)phthalate	21.66	149	779627	55.109	ng		97
85) Di-n-octyl phthalate	22.91	149	1329234	55.790	ng		98
86) Indeno(1,2,3-cd)pyrene	29.03	276	1593268	54.647	ng	#	91
88) Benzo(b)fluoranthene	24.09	252	1443811	56.581	ng		97
89) Benzo(k)fluoranthene	24.17	252	1390968	58.369	ng		98
90) Benzo(a)pyrene	25.01	252	1365507	56.532	ng		97
91) Dibenzo(a,h)anthracene	29.11	278	1328498	54.350	ng		98
92) Benzo(g,h,i)perylene	30.25	276	1269809	52.197	ng		99

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

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