Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051319\
Data File : BG040923.D
Acq On : 13 May 2019 22:35
Operator : HP/JU
Sample : IDOC-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : IDOC-03

Manual Integrations APPROVED
Sohil
5/14/2019 8:04:42 PM

Quant Time: May 14 02:32:12 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	8.13	152	120317	20.00	ng		-0.03
21) Naphthalene-d8	10.95	136	546410	20.00	ng		-0.03
39) Acenaphthene-d10	14.76	164	411591	20.00	ng		-0.03
64) Phenanthrene-d10	17.50	188	1004983	20.00	ng		-0.03
76) Chrysene-d12	21.79	240	987291	20.00	ng		-0.03
87) Perylene-d12	25.14	264	1097797	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	890784	130.51	ng		-0.02
7) Phenol-d6	7.29	99	1286103	122.38	ng		0.00
23) Nitrobenzene-d5	9.31	82	783232	66.23	ng		-0.03
42) 2,4,6-Tribromophenol	16.25	330	740077	130.82	ng		-0.02
45) 2-Fluorobiphenyl	13.38	172	1766283	61.98	ng		-0.03
79) Terphenyl-d14	20.10	244	2729538	61.25	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	35574	11.460	ng		91
3) Pyridine	3.93	79	100040	11.119	ng		97
4) n-Nitrosodimethylamine	3.85	42	55667	11.155	ng		94
6) Aniline	7.45	93	123652	8.877	ng		98
8) 2-Chlorophenol	7.69	128	122235	14.667	ng		97
9) Benzaldehyde	7.26	77	58186	4.822	ng		99
10) Phenol	7.31	94	172171	15.240	ng		99
11) bis(2-Chloroethyl)ether	7.55	93	109257	12.897	ng		93
12) 1,3-Dichlorobenzene	8.01	146	125344	13.779	ng		96
13) 1,4-Dichlorobenzene	8.16	146	128272	13.910	ng		96
14) 1,2-Dichlorobenzene	8.48	146	122503	13.775	ng		97
15) Benzyl Alcohol	8.37	79	143600	13.132	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.64	45	173432	10.283	ng		95
17) 2-Methylphenol	8.56	107	121969	15.256	ng		93
18) Hexachloroethane	9.21	117	48865	12.918	ng		98
19) n-Nitroso-di-n-propylamine	8.94	70	112227	11.863	ng		95
20) 3+4-Methylphenols	8.89	107	171655	15.413	ng		99
22) Acetophenone	8.96	105	207114	13.631	ng	#	91
24) Nitrobenzene	9.35	77	169610	13.443	ng		93
25) Isophorone	9.87	82	320032	12.149	ng		98
26) 2-Nitrophenol	10.06	139	76105	16.827	ng		97
27) 2,4-Dimethylphenol	10.10	122	142476	16.790	ng		96
28) bis(2-Chloroethoxy)methane	10.35	93	167625	12.684	ng		94
29) 2,4-Dichlorophenol	10.59	162	158866	16.468	ng		94
30) 1,2,4-Trichlorobenzene	10.81	180	165138	15.436	ng		98
31) Naphthalene	11.01	128	398206	13.717	ng		100
32) Benzoic acid	10.22	122	91414	15.736	ng		98
33) 4-Chloroaniline	11.11	127	99189	7.707	ng		95
34) Hexachlorobutadiene	11.26	225	117106	14.827	ng		99
35) Caprolactam	11.90	113	50424	13.239	ng	#	75
36) 4-Chloro-3-methylphenol	12.22	107	174762	14.360	ng		99
37) 2-Methylnaphthalene	12.60	142	313416	14.440	ng		99
38) 1-Methylnaphthalene	12.82	142	297832	14.039	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.96	216	227636	14.846	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	264677	29.254	ng		96
43) 2,4,6-Trichlorophenol	13.20	196	150755	16.270	ng		97
44) 2,4,5-Trichlorophenol	13.27	196	160855	15.936	ng		97
46) 1,1'-Biphenyl	13.60	154	420341	13.154	ng		94
47) 2-Chloronaphthalene	13.64	162	351596	14.059	ng		97
48) 2-Nitroaniline	13.85	65	122531	13.764	ng		92
49) Acenaphthylene	14.49	152	546554	12.881	ng		99
50) Dimethylphthalate	14.21	163	460058	13.359	ng		99
51) 2,6-Dinitrotoluene	14.34	165	99599	14.819	ng		85
52) Acenaphthene	14.82	154	315317	12.761	ng		96
53) 3-Nitroaniline	14.67	138	75266	10.930	ng		93
54) 2,4-Dinitrophenol	14.87	184	84375	27.322	ng	#	91
55) Dibenzofuran	15.16	168	551232	13.620	ng		98
56) 4-Nitrophenol	14.97	139	158146	26.484	ng		89
57) 2,4-Dinitrotoluene	15.12	165	144696	15.844	ng	#	86
58) Fluorene	15.81	166	427233	13.060	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.37	232	162171	15.963	ng		95
60) Diethylphthalate	15.56	149	468766	12.902	ng		98
61) 4-Chlorophenyl-phenylether	15.79	204	272353	14.315	ng		96
62) 4-Nitroaniline	15.84	138	97586	12.668	ng		84
63) Azobenzene	16.09	77	425353	11.367	ng		94
65) 4,6-Dinitro-2-methylphenol	15.88	198	71705	19.439	ng		86
66) n-Nitrosodiphenylamine	16.01	169	400058	13.530	ng		96
67) 4-Bromophenyl-phenylether	16.69	248	178721	14.274	ng		92
68) Hexachlorobenzene	16.80	284	185388	14.320	ng		95
69) Atrazine	16.95	200	168931	14.421	ng		95
70) Pentachlorophenol	17.15	266	232993	30.755	ng		99
71) Phenanthrene	17.54	178	714877	13.206	ng		98
72) Anthracene	17.64	178	757924	13.930	ng		99
73) Carbazole	17.91	167	643124	12.973	ng		98
74) Di-n-butylphthalate	18.44	149	782228	13.073	ng		100
75) Fluoranthene	19.55	202	933285	13.835	ng		98
77) Benzidine	19.73	184	283447	10.485	ng		98
78) Pyrene	19.91	202	934158	15.097	ng		99
80) Butylbenzylphthalate	20.78	149	357850	14.838	ng		92
81) Benzo(a)anthracene	21.77	228	923123	14.794	ng		98
82) 3,3'-Dichlorobenzidine	21.68	252	234709	10.553	ng		99
83) Chrysene	21.83	228	880842	14.844	ng		99
84) Bis(2-ethylhexyl)phthalate	21.63	149	499888	14.359	ng		96
85) Di-n-octyl phthalate	22.89	149	854211	14.569	ng	#	94
86) Indeno(1,2,3-cd)pyrene	28.97	276	1100739	15.342	ng	#	89
88) Benzo(b)fluoranthene	24.06	252	924532m	13.782	ng		
89) Benzo(k)fluoranthene	24.13	252	884649	14.120	ng	#	97
90) Benzo(a)pyrene	24.98	252	905236	14.255	ng	#	98
91) Dibenzo(a,h)anthracene	29.05	278	905081	14.084	ng		95
92) Benzo(g,h,i)perylene	30.20	276	905679	14.161	ng		97

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

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