Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100219\
Data File : BG042988.D
Acq On : 2 Oct 2019 17:10
Operator : JU
Sample : PB123559BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB123559BSD

Manual Integrations APPROVED
mohammad
10/4/2019 8:17:49 AM

Quant Time: Oct 03 05:21:42 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 25 15:35:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	65307	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	262064	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	190641	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	455136	20.00	ng	0.00
76) Chrysene-d12	21.71	240	508110	20.00	ng	0.00
87) Perylene-d12	24.93	264	524233	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	444974	121.60	ng	0.00
7) Phenol-d6	7.24	99	598307	113.54	ng	0.00
23) Nitrobenzene-d5	9.23	82	355133	65.87	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	368564	112.43	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	879175	66.86	ng	0.00
79) Terphenyl-d14	20.04	244	1688752	70.82	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.55	88	58204	38.148	ng	96
3) Pyridine	3.95	79	139238	32.447	ng	97
4) n-Nitrosodimethylamine	3.86	42	88273	42.776	ng	87
6) Aniline	7.39	93	204142	32.091	ng	98
8) 2-Chlorophenol	7.64	128	185523	48.613	ng	99
9) Benzaldehyde	7.21	77	99313	30.841	ng	95
10) Phenol	7.27	94	231969	47.978	ng	96
11) bis(2-Chloroethyl)ether	7.49	93	161475	43.165	ng	94
12) 1,3-Dichlorobenzene	7.96	146	202491	41.593	ng	98
13) 1,4-Dichlorobenzene	8.11	146	206604	42.571	ng	99
14) 1,2-Dichlorobenzene	8.42	146	196444	42.516	ng	98
15) Benzyl Alcohol	8.31	79	177780	44.871	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.59	45	265500	36.956	ng	99
17) 2-Methylphenol	8.52	107	157254	46.483	ng	99
18) Hexachloroethane	9.16	117	75349	41.224	ng	97
19) n-Nitroso-di-n-propylamine	8.87	70	143204	41.385	ng	97
20) 3+4-Methylphenols	8.84	107	220362	47.532	ng	97
22) Acetophenone	8.89	105	271074	40.128	ng	97
24) Nitrobenzene	9.27	77	222659	43.295	ng	97
25) Isophorone	9.80	82	394029	41.605	ng	99
26) 2-Nitrophenol	9.98	139	105830	48.340	ng	99
27) 2,4-Dimethylphenol	10.04	122	173930	51.732	ng	96
28) bis(2-Chloroethoxy)methane	10.27	93	219173	40.789	ng	97
29) 2,4-Dichlorophenol	10.52	162	198649	47.507	ng	98
30) 1,2,4-Trichlorobenzene	10.74	180	219975	40.737	ng	99
31) Naphthalene	10.93	128	559165	43.345	ng	99
32) Benzoic acid	10.19	122	113828	44.237	ng	91
33) 4-Chloroaniline	11.03	127	154839	27.660	ng	97
34) Hexachlorobutadiene	11.21	225	157581	38.974	ng	94
35) Caprolactam	11.81	113	64826m	43.962	ng	
36) 4-Chloro-3-methylphenol	12.15	107	209963	46.181	ng	95
37) 2-Methylnaphthalene	12.52	142	423735	43.056	ng	94
38) 1-Methylnaphthalene	12.74	142	397924	42.731	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	281847	39.320	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	326600	71.511	ng		95
43) 2,4,6-Trichlorophenol	13.13	196	185812	44.289	ng		99
44) 2,4,5-Trichlorophenol	13.20	196	196640	45.498	ng		97
46) 1,1'-Biphenyl	13.52	154	570923	39.491	ng		97
47) 2-Chloronaphthalene	13.57	162	456713	42.135	ng		99
48) 2-Nitroaniline	13.77	65	152720	42.369	ng		91
49) Acenaphthylene	14.42	152	731312	44.093	ng		99
50) Dimethylphthalate	14.15	163	581617	40.718	ng		99
51) 2,6-Dinitrotoluene	14.26	165	136006	44.711	ng		99
52) Acenaphthene	14.76	154	449878	40.524	ng		98
53) 3-Nitroaniline	14.59	138	102062	32.466	ng		99
54) 2,4-Dinitrophenol	14.79	184	162928	86.170	ng		96
55) Dibenzofuran	15.09	168	705378	42.952	ng		99
56) 4-Nitrophenol	14.91	139	220259	91.957	ng		98
57) 2,4-Dinitrotoluene	15.04	165	193399	43.416	ng		99
58) Fluorene	15.74	166	594125	42.375	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.31	232	205388m	44.633	ng		
60) Diethylphthalate	15.50	149	591561	40.694	ng		99
61) 4-Chlorophenyl-phenylether	15.73	204	342911	40.780	ng		100
62) 4-Nitroaniline	15.76	138	144176	42.052	ng		97
63) Azobenzene	16.02	77	544513	41.142	ng		99
65) 4,6-Dinitro-2-methylphenol	15.81	198	120303	46.711	ng		96
66) n-Nitrosodiphenylamine	15.94	169	535961	44.608	ng		100
67) 4-Bromophenyl-phenylether	16.62	248	247080	43.253	ng		97
68) Hexachlorobenzene	16.74	284	265990	41.820	ng		96
69) Atrazine	16.89	200	203910	40.303	ng		94
70) Pentachlorophenol	17.08	266	341924	93.165	ng		99
71) Phenanthrene	17.48	178	965888	43.470	ng		97
72) Anthracene	17.57	178	988834	44.577	ng		99
73) Carbazole	17.84	167	904243	43.959	ng		100
74) Di-n-butylphthalate	18.39	149	1033851	42.125	ng		99
75) Fluoranthene	19.48	202	1267711	43.134	ng		100
77) Benzidine	19.66	184	429796	33.782	ng		99
78) Pyrene	19.84	202	1286985	42.437	ng		98
80) Butylbenzylphthalate	20.73	149	490498	42.610	ng		98
81) Benzo(a)anthracene	21.68	228	1330944	42.039	ng		98
82) 3,3'-Dichlorobenzidine	21.60	252	456312	36.748	ng		99
83) Chrysene	21.75	228	1303125	42.414	ng		99
84) Bis(2-ethylhexyl)phthalate	21.60	149	708672	43.264	ng		99
85) Di-n-octyl phthalate	22.81	149	1191868	44.498	ng		98
86) Indeno(1,2,3-cd)pyrene	28.61	276	1687195	44.112	ng	#	98
88) Benzo(b)fluoranthene	23.91	252	1432141	48.281	ng		99
89) Benzo(k)fluoranthene	23.98	252	1396440	47.588	ng		99
90) Benzo(a)pyrene	24.78	252	1400243	50.035	ng		98
91) Dibenzo(a,h)anthracene	28.67	278	1428970	49.795	ng		98
92) Benzo(g,h,i)perylene	29.76	276	1375608	49.474	ng		97

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

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