Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071719\
Data File : BG041688.D
Acq On : 17 Jul 2019 14:07
Operator : HP/JU
Sample : PB121214BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB121214BSD

Manual Integrations APPROVED
mohammad
7/19/2019 2:24:46 PM

Quant Time: Jul 18 07:21:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 16:16:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	91205	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	365912	20.00	ng		0.00
39) Acenaphthene-d10	14.67	164	230613	20.00	ng		0.00
64) Phenanthrene-d10	17.40	188	560425	20.00	ng		0.00
76) Chrysene-d12	21.65	240	545811	20.00	ng		-0.01
87) Perylene-d12	24.85	264	565068	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	753244	135.01	ng		0.00
7) Phenol-d6	7.20	99	973229	129.69	ng		0.00
23) Nitrobenzene-d5	9.21	82	578005	96.07	ng		0.00
42) 2,4,6-Tribromophenol	16.15	330	391412	150.60	ng		0.00
45) 2-Fluorobiphenyl	13.30	172	1397005	93.80	ng		0.00
79) Terphenyl-d14	20.01	244	2107629	90.24	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	108393	40.906	ng		98
3) Pyridine	3.88	79	270536	38.248	ng		97
4) n-Nitrosodimethylamine	3.80	42	135512	41.486	ng		96
6) Aniline	7.37	93	333480	33.065	ng		98
8) 2-Chlorophenol	7.61	128	286457	45.353	ng		100
9) Benzaldehyde	7.17	77	209162	47.558	ng		97
10) Phenol	7.23	94	357711	45.244	ng		99
11) bis(2-Chloroethyl)ether	7.46	93	268124	41.991	ng		97
12) 1,3-Dichlorobenzene	7.94	146	317739	42.160	ng		99
13) 1,4-Dichlorobenzene	8.08	146	320532	42.469	ng		98
14) 1,2-Dichlorobenzene	8.40	146	300643	42.250	ng		97
15) Benzyl Alcohol	8.28	79	257293	43.067	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.57	45	523512	39.566	ng		99
17) 2-Methylphenol	8.48	107	248503	45.450	ng		99
18) Hexachloroethane	9.14	117	114786	41.523	ng		99
19) n-Nitroso-di-n-propylamine	8.85	70	224069	40.852	ng		96
20) 3+4-Methylphenols	8.81	107	342014	45.646	ng		98
22) Acetophenone	8.87	105	406579	45.622	ng	#	98
24) Nitrobenzene	9.25	77	309670	47.180	ng		97
25) Isophorone	9.77	82	582856	44.239	ng		98
26) 2-Nitrophenol	9.96	139	150449	49.775	ng		100
27) 2,4-Dimethylphenol	10.02	122	282825	54.255	ng		98
28) bis(2-Chloroethoxy)methane	10.25	93	362086	44.590	ng		99
29) 2,4-Dichlorophenol	10.49	162	299232	50.347	ng		99
30) 1,2,4-Trichlorobenzene	10.72	180	310206	44.452	ng		99
31) Naphthalene	10.91	128	832169	46.195	ng		98
32) Benzoic acid	10.14	122	188262	47.626	ng		99
33) 4-Chloroaniline	11.00	127	228551	27.505	ng		99
34) Hexachlorobutadiene	11.20	225	199122	44.395	ng		99
35) Caprolactam	11.76	113	106047m	48.544	ng		
36) 4-Chloro-3-methylphenol	12.12	107	304186	48.854	ng		100
37) 2-Methylnaphthalene	12.50	142	641069	46.579	ng		99
38) 1-Methylnaphthalene	12.72	142	599984	45.726	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	361412	45.752	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	405333	90.709	ng		100
43) 2,4,6-Trichlorophenol	13.10	196	255750	49.828	ng		98
44) 2,4,5-Trichlorophenol	13.17	196	274325	50.727	ng		98
46) 1,1'-Biphenyl	13.51	154	805986	46.650	ng		98
47) 2-Chloronaphthalene	13.55	162	648674	45.050	ng		98
48) 2-Nitroaniline	13.74	65	206648	49.291	ng		99
49) Acenaphthylene	14.39	152	1039611	46.249	ng		99
50) Dimethylphthalate	14.12	163	841742	46.474	ng		99
51) 2,6-Dinitrotoluene	14.23	165	197771	51.479	ng		93
52) Acenaphthene	14.73	154	722245	50.986	ng		98
53) 3-Nitroaniline	14.55	138	141590	33.762	ng		96
54) 2,4-Dinitrophenol	14.76	184	208338	104.664	ng		95
55) Dibenzofuran	15.06	168	991729	46.655	ng		98
56) 4-Nitrophenol	14.86	139	385138	113.430	ng		95
57) 2,4-Dinitrotoluene	15.01	165	270165	53.199	ng		98
58) Fluorene	15.71	166	800725	46.295	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.28	232	260446	52.168	ng		99
60) Diethylphthalate	15.48	149	847820	46.465	ng		99
61) 4-Chlorophenyl-phenylether	15.71	204	455754	46.615	ng		99
62) 4-Nitroaniline	15.72	138	213765	48.061	ng		99
63) Azobenzene	15.99	77	760167	46.081	ng		97
65) 4,6-Dinitro-2-methylphenol	15.78	198	144007	53.277	ng		98
66) n-Nitrosodiphenylamine	15.91	169	753823	45.804	ng		98
67) 4-Bromophenyl-phenylether	16.59	248	301520	45.217	ng		98
68) Hexachlorobenzene	16.72	284	299051	44.535	ng		97
69) Atrazine	16.86	200	287862	48.198	ng		98
70) Pentachlorophenol	17.05	266	426372	101.551	ng		99
71) Phenanthrene	17.44	178	1311256	46.460	ng		97
72) Anthracene	17.54	178	1338837	47.590	ng		97
73) Carbazole	17.80	167	1232003	47.219	ng		97
74) Di-n-butylphthalate	18.37	149	1447445	45.485	ng		97
75) Fluoranthene	19.45	202	1607236	46.378	ng		96
77) Benzidine	19.62	184	821634	43.757	ng		99
78) Pyrene	19.81	202	1598416	43.300	ng		96
80) Butylbenzylphthalate	20.69	149	694816	45.295	ng		96
81) Benzo(a)anthracene	21.63	228	1578466	44.760	ng		97
82) 3,3'-Dichlorobenzidine	21.55	252	514439	37.071	ng		99
83) Chrysene	21.70	228	1521994	45.167	ng		96
84) Bis(2-ethylhexyl)phthalate	21.56	149	974601	44.999	ng		97
85) Di-n-octyl phthalate	22.77	149	1685749	45.704	ng		97
86) Indeno(1,2,3-cd)pyrene	28.49	276	1988059	44.713	ng	#	92
88) Benzo(b)fluoranthene	23.84	252	1741632	50.813	ng		99
89) Benzo(k)fluoranthene	23.91	252	1660754	52.291	ng		98
90) Benzo(a)pyrene	24.70	252	1706034	52.608	ng		98
91) Dibenzo(a,h)anthracene	28.56	278	1631143	51.876	ng		98
92) Benzo(g,h,i)perylene	29.63	276	1635782	51.913	ng		99

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

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