Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070519\
Data File : BG041620.D
Acq On : 5 Jul 2019 20:29
Operator : HP/JU
Sample : PB121094BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB121094BS

Quant Time: Jul 08 02:21:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG062619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:25:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	23472	20.00	ng	-0.01
21) Naphthalene-d8	10.84	136	85104	20.00	ng	-0.02
39) Acenaphthene-d10	14.66	164	62998	20.00	ng	-0.01
64) Phenanthrene-d10	17.41	188	169248	20.00	ng	-0.02
76) Chrysene-d12	21.69	240	190770	20.00	ng	-0.01
87) Perylene-d12	24.95	264	206625	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	183582	139.44	ng	0.00
7) Phenol-d6	7.18	99	247190	133.37	ng	0.00
23) Nitrobenzene-d5	9.20	82	162277	79.53	ng	-0.01
42) 2,4,6-Tribromophenol	16.16	330	153643	142.84	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	404579	82.41	ng	-0.01
79) Terphenyl-d14	20.01	244	841908	93.78	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.38	88	22535	37.813	ng	96
3) Pyridine	3.80	79	55071	36.421	ng	97
4) n-Nitrosodimethylamine	3.72	42	33273	39.544	ng	96
6) Aniline	7.34	93	69643	29.152	ng	96
8) 2-Chlorophenol	7.58	128	70319	47.626	ng	97
9) Benzaldehyde	7.16	77	42455	37.931	ng	96
10) Phenol	7.21	94	87707	46.956	ng	98
11) bis(2-Chloroethyl)ether	7.44	93	58107	39.227	ng	93
12) 1,3-Dichlorobenzene	7.90	146	78162	40.923	ng	95
13) 1,4-Dichlorobenzene	8.05	146	80153	41.628	ng	96
14) 1,2-Dichlorobenzene	8.37	146	77240	41.897	ng	99
15) Benzyl Alcohol	8.27	79	66536	45.080	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.53	45	71964	34.596	ng	95
17) 2-Methylphenol	8.47	107	62613	46.050	ng	98
18) Hexachloroethane	9.09	117	30794	40.533	ng	89
19) n-Nitroso-di-n-propylamine	8.82	70	53799	38.916	ng	95
20) 3+4-Methylphenols	8.80	107	84538	46.648	ng	97
22) Acetophenone	8.85	105	111682	43.749	ng	99
24) Nitrobenzene	9.24	77	91005	44.432	ng	98
25) Isophorone	9.75	82	154602	42.200	ng	99
26) 2-Nitrophenol	9.95	139	40985	47.915	ng	99
27) 2,4-Dimethylphenol	10.01	122	64088	53.834	ng	95
28) bis(2-Chloroethoxy)methane	10.24	93	79183	40.874	ng	98
29) 2,4-Dichlorophenol	10.49	162	81429	50.640	ng	95
30) 1,2,4-Trichlorobenzene	10.70	180	90838	44.075	ng	95
31) Naphthalene	10.89	128	213425	45.347	ng	97
32) Benzoic acid	10.12	122	7770m	17.818	ng	
33) 4-Chloroaniline	11.01	127	56148	28.341	ng	97
34) Hexachlorobutadiene	11.15	225	70992	43.395	ng	94
35) Caprolactam	11.80	113	23588m	46.980	ng	
36) 4-Chloro-3-methylphenol	12.13	107	83411	47.875	ng	97
37) 2-Methylnaphthalene	12.49	142	156968	45.144	ng	98
38) 1-Methylnaphthalene	12.71	142	148200	44.676	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	123056	44.360	ng	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	129506	85.771 ng	97
43) 2,4,6-Trichlorophenol	13.10	196	77107	46.850 ng	95
44) 2,4,5-Trichlorophenol	13.18	196	80928	49.356 ng	93
46) 1,1'-Biphenyl	13.50	154	218561	43.950 ng	99
47) 2-Chloronaphthalene	13.55	162	181949	42.616 ng	98
48) 2-Nitroaniline	13.76	65	55785	38.544 ng	97
49) Acenaphthylene	14.39	152	282225	44.225 ng	99
50) Dimethylphthalate	14.11	163	240409	41.935 ng	99
51) 2,6-Dinitrotoluene	14.25	165	53663	44.108 ng	95
52) Acenaphthene	14.73	154	164316	43.420 ng	100
53) 3-Nitroaniline	14.59	138	35771	30.799 ng	83
54) 2,4-Dinitrophenol	14.80	184	49892	63.676 ng	95
55) Dibenzofuran	15.06	168	295761	44.894 ng	99
56) 4-Nitrophenol	14.91	139	73469	98.017 ng	97
57) 2,4-Dinitrotoluene	15.04	165	76888	43.563 ng	96
58) Fluorene	15.71	166	234917	44.822 ng	96
59) 2,3,4,6-Tetrachlorophenol	15.29	232	85836	49.657 ng	99
60) Diethylphthalate	15.46	149	248307	42.314 ng	98
61) 4-Chlorophenyl-phenylether	15.69	204	150428	44.497 ng	98
62) 4-Nitroaniline	15.76	138	47509	41.971 ng	95
63) Azobenzene	15.99	77	212232	42.895 ng	99
65) 4,6-Dinitro-2-methylphenol	15.80	198	45376	43.289 ng	98
66) n-Nitrosodiphenylamine	15.92	169	209882	45.058 ng	99
67) 4-Bromophenyl-phenylether	16.59	248	104764	45.297 ng	93
68) Hexachlorobenzene	16.71	284	107983	43.333 ng	98
69) Atrazine	16.86	200	91620	46.467 ng	99
70) Pentachlorophenol	17.06	266	102876	91.111 ng	94
71) Phenanthrene	17.46	178	427185	45.811 ng	99
72) Anthracene	17.54	178	430859	46.179 ng	99
73) Carbazole	17.83	167	365434	46.073 ng	99
74) Di-n-butylphthalate	18.35	149	433733	43.509 ng	100
75) Fluoranthene	19.47	202	573580	46.135 ng	99
77) Benzidine	19.65	184	223133	52.715 ng	98
78) Pyrene	19.82	202	578418	44.414 ng	99
80) Butylbenzylphthalate	20.69	149	199334	40.984 ng	96
81) Benzo(a)anthracene	21.66	228	584217	44.049 ng	98
82) 3,3'-Dichlorobenzidine	21.58	252	129607	28.221 ng	95
83) Chrysene	21.73	228	568079	44.250 ng	98
84) Bis(2-ethylhexyl)phthalate	21.53	149	284528	41.264 ng	100
85) Di-n-octyl phthalate	22.74	149	488595	41.873 ng	98
86) Indeno(1,2,3-cd)pyrene	28.72	276	700744	45.077 ng	99
88) Benzo(b)fluoranthene	23.91	252	582687m	44.213 ng	
89) Benzo(k)fluoranthene	23.98	252	578803	44.734 ng	100
90) Benzo(a)pyrene	24.80	252	574066	45.863 ng	99
91) Dibenzo(a,h)anthracene	28.78	278	576501	45.974 ng	98
92) Benzo(g,h,i)perylene	29.91	276	580171	46.533 ng	99

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

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