Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070119\
Data File : BG041557.D
Acq On : 1 Jul 2019 13:48
Operator : HP/JU
Sample : PB120942BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB120942BS

Quant Time: Jul 01 14:26:22 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	22890	20.00	ng		0.00
21) Naphthalene-d8	10.85	136	78232	20.00	ng		0.00
39) Acenaphthene-d10	14.67	164	54697	20.00	ng		0.00
64) Phenanthrene-d10	17.42	188	154195	20.00	ng		0.00
76) Chrysene-d12	21.70	240	187687	20.00	ng		0.00
87) Perylene-d12	24.98	264	203367	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	106305	82.80	ng		0.00
7) Phenol-d6	7.19	99	140468	77.72	ng		0.00
23) Nitrobenzene-d5	9.21	82	148467	79.15	ng		0.00
42) 2,4,6-Tribromophenol	16.17	330	81489	87.26	ng		0.00
45) 2-Fluorobiphenyl	13.29	172	344954	80.93	ng		0.00
79) Terphenyl-d14	20.02	244	792804	89.77	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.40	88	21497	36.989	ng		95
3) Pyridine	3.82	79	51550	34.959	ng		94
4) n-Nitrosodimethylamine	3.75	42	31417	38.287	ng	#	97
6) Aniline	7.35	93	52003	22.322	ng		94
8) 2-Chlorophenol	7.59	128	57254	39.763	ng		96
9) Benzaldehyde	7.17	77	38451	35.227	ng		95
10) Phenol	7.22	94	73005	40.078	ng		97
11) bis(2-Chloroethyl)ether	7.45	93	50573	35.009	ng		98
12) 1,3-Dichlorobenzene	7.91	146	66572	35.741	ng		98
13) 1,4-Dichlorobenzene	8.06	146	68162	36.300	ng		98
14) 1,2-Dichlorobenzene	8.38	146	64444	35.845	ng		97
15) Benzyl Alcohol	8.28	79	56053	38.943	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.55	45	64030	31.564	ng		95
17) 2-Methylphenol	8.48	107	50794	38.307	ng		92
18) Hexachloroethane	9.10	117	26631	35.944	ng		97
19) n-Nitroso-di-n-propylamine	8.83	70	45105	33.457	ng		92
20) 3+4-Methylphenols	8.81	107	67833	38.382	ng		97
22) Acetophenone	8.86	105	92007	39.208	ng	#	98
24) Nitrobenzene	9.25	77	74343	39.486	ng		99
25) Isophorone	9.77	82	124853	37.074	ng		99
26) 2-Nitrophenol	9.97	139	31980	40.671	ng		96
27) 2,4-Dimethylphenol	10.02	122	52437	47.916	ng		99
28) bis(2-Chloroethoxy)methane	10.25	93	66010	37.068	ng		98
29) 2,4-Dichlorophenol	10.50	162	65148	44.074	ng		99
30) 1,2,4-Trichlorobenzene	10.71	180	73126	38.598	ng		95
31) Naphthalene	10.90	128	174939	40.435	ng		99
32) Benzoic acid	10.17	122	27612	44.737	ng		95
33) 4-Chloroaniline	11.03	127	42934	23.574	ng		94
34) Hexachlorobutadiene	11.16	225	56588	37.628	ng		100
35) Caprolactam	11.81	113	18614	40.330	ng		92
36) 4-Chloro-3-methylphenol	12.14	107	68228	42.601	ng		97
37) 2-Methylnaphthalene	12.51	142	124740	39.027	ng		97
38) 1-Methylnaphthalene	12.72	142	121570	39.868	ng		96
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	98025	40.700	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	113009	86.185	ng		92
43) 2,4,6-Trichlorophenol	13.11	196	60308	42.204	ng		95
44) 2,4,5-Trichlorophenol	13.19	196	62612	43.981	ng		94
46) 1,1'-Biphenyl	13.51	154	173857	40.266	ng		99
47) 2-Chloronaphthalene	13.56	162	143629	38.746	ng		99
48) 2-Nitroaniline	13.78	65	46495	37.001	ng	#	90
49) Acenaphthylene	14.40	152	225794	40.752	ng		99
50) Dimethylphthalate	14.12	163	194482	39.072	ng		98
51) 2,6-Dinitrotoluene	14.26	165	41761	39.535	ng		95
52) Acenaphthene	14.74	154	129547	39.428	ng		98
53) 3-Nitroaniline	14.60	138	28942	28.701	ng		88
54) 2,4-Dinitrophenol	14.81	184	44527	65.231	ng		93
55) Dibenzofuran	15.07	168	237430	41.509	ng		98
56) 4-Nitrophenol	14.92	139	62308	95.743	ng		98
57) 2,4-Dinitrotoluene	15.05	165	63609	41.509	ng		97
58) Fluorene	15.72	166	186756	41.041	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.30	232	69106	46.046	ng		99
60) Diethylphthalate	15.48	149	197035	38.672	ng		98
61) 4-Chlorophenyl-phenylether	15.71	204	118336	40.317	ng		96
62) 4-Nitroaniline	15.77	138	40549	41.259	ng		94
63) Azobenzene	16.00	77	172508	40.158	ng		98
65) 4,6-Dinitro-2-methylphenol	15.81	198	39780	41.655	ng		94
66) n-Nitrosodiphenylamine	15.93	169	168220	39.639	ng		97
67) 4-Bromophenyl-phenylether	16.60	248	78903	37.446	ng		98
68) Hexachlorobenzene	16.72	284	84211	37.092	ng		99
69) Atrazine	16.87	200	76421	42.543	ng		95
70) Pentachlorophenol	17.07	266	91703	89.144	ng		93
71) Phenanthrene	17.47	178	348946	41.074	ng		100
72) Anthracene	17.56	178	352421	41.460	ng		99
73) Carbazole	17.84	167	308577	42.703	ng		100
74) Di-n-butylphthalate	18.36	149	355436	39.135	ng		100
75) Fluoranthene	19.48	202	494256	43.636	ng		100
77) Benzidine	19.66	184	176255	42.324	ng		97
78) Pyrene	19.84	202	498402	38.899	ng		100
80) Butylbenzylphthalate	20.70	149	177941	37.186	ng		95
81) Benzo(a)anthracene	21.68	228	519427	39.807	ng		100
82) 3,3'-Dichlorobenzidine	21.60	252	131490	29.101	ng		98
83) Chrysene	21.74	228	500686	39.641	ng		99
84) Bis(2-ethylhexyl)phthalate	21.54	149	253865	37.422	ng		98
85) Di-n-octyl phthalate	22.77	149	436245	38.001	ng		98
86) Indeno(1,2,3-cd)pyrene	28.76	276	605291	39.577	ng		100
88) Benzo(b)fluoranthene	23.93	252	516837	39.845	ng		99
89) Benzo(k)fluoranthene	24.00	252	517584	40.643	ng		97
90) Benzo(a)pyrene	24.83	252	512794	41.624	ng		99
91) Dibenzo(a,h)anthracene	28.82	278	511221	41.421	ng		99
92) Benzo(g,h,i)perylene	29.95	276	511073	41.648	ng		98

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

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