Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102618\
Data File : BG037593.D
Acq On : 26 Oct 2018 23:04
Operator : JU/SJ
Sample : PB114204BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB114204BS

Quant Time: Oct 27 03:41:39 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 18 14:06:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	52141	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	242071	20.00	ng		0.00
39) Acenaphthene-d10	14.73	164	166369	20.00	ng		0.00
64) Phenanthrene-d10	17.48	188	405422	20.00	ng		0.00
76) Chrysene-d12	21.77	240	363747	20.00	ng		0.00
87) Perylene-d12	25.10	264	377251	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	445865	142.96	ng		0.00
7) Phenol-d6	7.25	99	620635	131.60	ng		0.00
23) Nitrobenzene-d5	9.28	82	322893	74.72	ng		0.00
42) 2,4,6-Tribromophenol	16.23	330	235108	129.57	ng		0.00
45) 2-Fluorobiphenyl	13.36	172	801417	72.64	ng		0.00
79) Terphenyl-d14	20.08	244	1021140	59.99	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	47195	29.840	ng		96
3) Pyridine	3.93	79	137786	34.564	ng		96
4) n-Nitrosodimethylamine	3.85	42	59291	41.758	ng	#	94
6) Aniline	7.42	93	180466	31.368	ng		99
8) 2-Chlorophenol	7.66	128	159487	43.713	ng		99
9) Benzaldehyde	7.24	77	74707	25.324	ng		95
10) Phenol	7.28	94	213873	42.982	ng		97
11) bis(2-Chloroethyl)ether	7.52	93	141864	37.539	ng		96
12) 1,3-Dichlorobenzene	7.99	146	154685	38.083	ng		96
13) 1,4-Dichlorobenzene	8.14	146	156686	37.712	ng		98
14) 1,2-Dichlorobenzene	8.46	146	150661	37.697	ng		97
15) Benzyl Alcohol	8.34	79	142840	40.992	ng		100
16) 2,2'-oxybis(1-Chloropropan	8.62	45	257279	38.048	ng		97
17) 2-Methylphenol	8.53	107	143783	43.708	ng		98
18) Hexachloroethane	9.19	117	55350	39.077	ng		96
19) n-Nitroso-di-n-propylamine	8.91	70	120541	37.119	ng		95
20) 3+4-Methylphenols	8.86	107	202699	43.098	ng		97
22) Acetophenone	8.93	105	233859	38.520	ng	#	97
24) Nitrobenzene	9.32	77	176926	39.412	ng		95
25) Isophorone	9.84	82	347325	43.990	ng		97
26) 2-Nitrophenol	10.03	139	86929	42.985	ng		98
27) 2,4-Dimethylphenol	10.07	122	173139	47.950	ng		99
28) bis(2-Chloroethoxy)methane	10.32	93	211226	40.832	ng		97
29) 2,4-Dichlorophenol	10.56	162	171271	42.602	ng		96
30) 1,2,4-Trichlorobenzene	10.78	180	160513	36.714	ng		98
31) Naphthalene	10.97	128	488398	41.077	ng		99
32) Benzoic acid	10.20	122	121070	51.624	ng		98
33) 4-Chloroaniline	11.08	127	127116	22.754	ng		94
34) Hexachlorobutadiene	11.24	225	92821	35.822	ng		98
35) Caprolactam	11.87	113	67233	41.698	ng		92
36) 4-Chloro-3-methylphenol	12.19	107	192143	42.379	ng		99
37) 2-Methylnaphthalene	12.57	142	379444	43.779	ng		98
38) 1-Methylnaphthalene	12.79	142	354096	42.068	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	192508	35.873	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	226688	88.434	ng		99
43) 2,4,6-Trichlorophenol	13.16	196	149531	41.709	ng		98
44) 2,4,5-Trichlorophenol	13.24	196	163692	41.936	ng		98
46) 1,1'-Biphenyl	13.57	154	493854	35.843	ng		98
47) 2-Chloronaphthalene	13.62	162	389304	37.347	ng		98
48) 2-Nitroaniline	13.83	65	132962	42.063	ng		94
49) Acenaphthylene	14.46	152	660426	42.118	ng		99
50) Dimethylphthalate	14.19	163	519562	40.368	ng		100
51) 2,6-Dinitrotoluene	14.32	165	116842	41.037	ng		97
52) Acenaphthene	14.80	154	384181	39.783	ng		99
53) 3-Nitroaniline	14.65	138	98749	31.242	ng	#	95
54) 2,4-Dinitrophenol	14.85	184	91764	75.453	ng		97
55) Dibenzofuran	15.13	168	621821	38.864	ng		99
56) 4-Nitrophenol	14.94	139	202683	86.630	ng		99
57) 2,4-Dinitrotoluene	15.10	165	166131	44.450	ng		97
58) Fluorene	15.78	166	504146	42.077	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.35	232	143733	43.007	ng		98
60) Diethylphthalate	15.54	149	535769	40.547	ng		100
61) 4-Chlorophenyl-phenylether	15.77	204	263990	37.801	ng		97
62) 4-Nitroaniline	15.81	138	132423	42.162	ng		91
63) Azobenzene	16.06	77	506464	40.172	ng		99
65) 4,6-Dinitro-2-methylphenol	15.86	198	81201	39.910	ng		97
66) n-Nitrosodiphenylamine	15.99	169	465940	38.207	ng		99
67) 4-Bromophenyl-phenylether	16.67	248	166245	37.340	ng		97
68) Hexachlorobenzene	16.77	284	168473	36.511	ng		98
69) Atrazine	16.93	200	176109	39.941	ng		99
70) Pentachlorophenol	17.12	266	202332	65.462	ng		97
71) Phenanthrene	17.52	178	840252	40.779	ng		100
72) Anthracene	17.62	178	859856	42.523	ng		97
73) Carbazole	17.89	167	781258	38.625	ng		99
74) Di-n-butylphthalate	18.42	149	922112	40.982	ng		99
75) Fluoranthene	19.53	202	974083	41.681	ng		98
77) Benzidine	19.71	184	381698	30.861	ng		99
78) Pyrene	19.89	202	970177	40.800	ng		100
80) Butylbenzylphthalate	20.76	149	415515	42.697	ng		99
81) Benzo(a)anthracene	21.75	228	898878	41.779	ng		99
82) 3,3'-Dichlorobenzidine	21.66	252	246720	29.585	ng		100
83) Chrysene	21.81	228	834491	40.336	ng		100
84) Bis(2-ethylhexyl)phthalate	21.62	149	578309	42.395	ng		98
85) Di-n-octyl phthalate	22.87	149	976185	43.885	ng		98
86) Indeno(1,2,3-cd)pyrene	28.92	276	919251	41.427	ng		99
88) Benzo(b)fluoranthene	24.03	252	885957	42.836	ng		99
89) Benzo(k)fluoranthene	24.10	252	842808	41.593	ng		97
90) Benzo(a)pyrene	24.95	252	858042	43.660	ng		98
91) Dibenzo(a,h)anthracene	29.00	278	731879	40.372	ng		97
92) Benzo(g,h,i)perylene	30.14	276	738820	40.283	ng		98

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

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