Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092818\
Data File : BG037070.D
Acq On : 29 Sep 2018 4:09
Operator : JU/SJ
Sample : PB113333BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB113333BS

Manual Integrations APPROVED
Sohil
10/1/2018 11:43:17 AM

Quant Time: Sep 29 06:46:23 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 24 10:41:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	38021	20.00	ng		0.00
21) Naphthalene-d8	10.84	136	159176	20.00	ng		-0.01
38) Acenaphthene-d10	14.66	164	104462	20.00	ng		-0.01
63) Phenanthrene-d10	17.41	188	279687	20.00	ng		-0.01
75) Chrysene-d12	21.68	240	293317	20.00	ng		-0.01
86) Perylene-d12	24.88	264	303144	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	243950	123.05	ng		0.00
7) Phenol-d6	7.20	99	338948	110.50	ng		-0.01
23) Nitrobenzene-d5	9.20	82	226571	76.22	ng		-0.01
41) 2,4,6-Tribromophenol	16.16	330	142038	113.65	ng		-0.01
44) 2-Fluorobiphenyl	13.29	172	479229	68.33	ng		-0.01
78) Terphenyl-d14	20.02	244	914293	81.96	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	37171	40.974	ng		96
3) Pyridine	3.91	79	100763	38.468	ng		97
4) n-Nitrosodimethylamine	3.83	42	60285	51.782	ng	#	96
6) Aniline	7.37	93	71967	18.082	ng		99
8) 2-Chlorophenol	7.61	128	101235	43.977	ng		95
9) Benzaldehyde	7.18	77	58923	29.071	ng		92
10) Phenol	7.23	94	137857	43.548	ng		94
11) bis(2-Chloroethyl)ether	7.46	93	97719	33.371	ng		97
12) 1,3-Dichlorobenzene	7.93	146	108705	38.518	ng		99
13) 1,4-Dichlorobenzene	8.08	146	107139	37.096	ng		98
14) 1,2-Dichlorobenzene	8.39	146	106476	38.044	ng		95
15) Benzyl Alcohol	8.28	79	89733	36.054	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.57	45	224744	39.977	ng		98
17) 2-Methylphenol	8.48	107	87894	39.860	ng		96
18) Hexachloroethane	9.12	117	42767	40.239	ng		97
19) n-Nitroso-di-n-propylamine	8.84	70	88389	34.639	ng		98
20) 3+4-Methylphenols	8.81	107	119371	38.913	ng		99
22) Acetophenone	8.86	105	156035	41.714	ng		96
24) Nitrobenzene	9.25	77	130330	41.058	ng		99
25) Isophorone	9.76	82	244572	45.031	ng		99
26) 2-Nitrophenol	9.96	139	53977	42.661	ng		98
27) 2,4-Dimethylphenol	10.01	122	92664	47.017	ng		96
28) bis(2-Chloroethoxy)methane	10.25	93	138926	41.454	ng		98
29) 2,4-Dichlorophenol	10.49	162	100478	43.979	ng		99
30) 1,2,4-Trichlorobenzene	10.70	180	109086	38.153	ng		98
31) Naphthalene	10.89	128	327827	43.285	ng		99
32) Benzoic acid	10.15	122	37164m	27.447	ng		
33) 4-Chloroaniline	11.01	127	35039	10.175	ng		97
34) Hexachlorobutadiene	11.17	225	73442	37.143	ng		98
35) Caprolactam	11.78	113	39729m	42.249	ng		
36) 4-Chloro-3-methylphenol	12.12	107	120848	44.330	ng		97
37) 2-Methylnaphthalene	12.50	142	244342	42.360	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	134790	36.995	ng	#	98
40) Hexachlorocyclopentadiene	12.84	237	164566	87.823	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	84531	41.780	ng		97
43) 2,4,5-Trichlorophenol	13.17	196	96389	44.679	ng		95
45) 1,1'-Biphenyl	13.50	154	322833	40.353	ng		99
46) 2-Chloronaphthalene	13.54	162	243349	38.679	ng		98
47) 2-Nitroaniline	13.75	65	96705	44.439	ng		96
48) Acenaphthylene	14.39	152	430231	43.639	ng		98
49) Dimethylphthalate	14.12	163	348020	41.389	ng		99
50) 2,6-Dinitrotoluene	14.24	165	75675	41.249	ng		99
51) Acenaphthene	14.73	154	244240	40.990	ng		100
52) 3-Nitroaniline	14.58	138	35082	18.147	ng	#	98
53) 2,4-Dinitrophenol	14.78	184	35595	45.091	ng	#	83
54) Dibenzofuran	15.06	168	410716	40.751	ng		99
55) 4-Nitrophenol	14.88	139	118504	95.954	ng		92
56) 2,4-Dinitrotoluene	15.03	165	110650	43.224	ng		97
57) Fluorene	15.72	166	335105	44.484	ng		95
58) 2,3,4,6-Tetrachlorophenol	15.29	232	101988	46.601	ng		99
59) Diethylphthalate	15.48	149	355968	41.973	ng		98
60) 4-Chlorophenyl-phenylether	15.70	204	181996	38.149	ng		98
61) 4-Nitroaniline	15.74	138	83965	41.292	ng		94
62) Azobenzene	16.00	77	371892	45.637	ng		99
64) 4,6-Dinitro-2-methylphenol	15.79	198	48787	33.364	ng		97
65) n-Nitrosodiphenylamine	15.92	169	307666	39.846	ng		97
66) 4-Bromophenyl-phenylether	16.60	248	118122	37.130	ng		94
67) Hexachlorobenzene	16.71	284	118656	36.214	ng		96
68) Atrazine	16.87	200	134094	42.890	ng		98
69) Pentachlorophenol	17.06	266	136623	66.229	ng		97
70) Phenanthrene	17.45	178	588765	43.684	ng		99
71) Anthracene	17.54	178	600666	45.071	ng		100
72) Carbazole	17.81	167	538653	41.454	ng		99
73) Di-n-butylphthalate	18.37	149	636975	44.141	ng		100
74) Fluoranthene	19.46	202	737215	45.441	ng		98
76) Benzidine	19.65	184	190197	21.450	ng		99
77) Pyrene	19.82	202	734573	41.734	ng		99
79) Butylbenzylphthalate	20.70	149	304490	43.401	ng		97
80) Benzo(a)anthracene	21.66	228	733087	42.815	ng		99
81) 3,3'-Dichlorobenzidine	21.57	252	134050	20.568	ng		96
82) Chrysene	21.73	228	701785	42.420	ng		99
83) Bis(2-ethylhexyl)phthalate	21.56	149	423221	43.182	ng		98
84) Di-n-octyl phthalate	22.76	149	730296	45.256	ng		100
85) Indeno(1,2,3-cd)pyrene	28.52	276	810029	45.597	ng	#	93
87) Benzo(b)fluoranthene	23.86	252	702371	43.476	ng		98
88) Benzo(k)fluoranthene	23.93	252	716678	44.218	ng		99
89) Benzo(a)pyrene	24.73	252	697340	44.648	ng		97
90) Dibenzo(a,h)anthracene	28.58	278	661560	45.195	ng		98
91) Benzo(g,h,i)perylene	29.66	276	673503	45.846	ng		98

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

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