Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103018\
Data File : BG037680.D
Acq On : 31 Oct 2018 8:59
Operator : JU/SJ
Sample : PB114248BS
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB114248BS

Manual Integrations APPROVED
Sohil
10/31/2018 11:54:24 AM

Quant Time: Oct 31 09:34:51 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	52243	20.00	ng		0.00
21) Naphthalene-d8	10.92	136	244763	20.00	ng		0.00
39) Acenaphthene-d10	14.73	164	163133	20.00	ng		0.00
64) Phenanthrene-d10	17.48	188	394151	20.00	ng		0.00
76) Chrysene-d12	21.77	240	354968	20.00	ng		0.00
87) Perylene-d12	25.10	264	361582	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	559054	178.91	ng		0.00
7) Phenol-d6	7.25	99	797238	168.72	ng		0.00
23) Nitrobenzene-d5	9.28	82	357489	81.82	ng		0.00
42) 2,4,6-Tribromophenol	16.23	330	290787	163.43	ng		0.00
45) 2-Fluorobiphenyl	13.36	172	855631	79.09	ng		0.00
79) Terphenyl-d14	20.08	244	1279904	77.05	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	49593	31.295	ng		95
3) Pyridine	3.93	79	145892	36.526	ng		93
4) n-Nitrosodimethylamine	3.85	42	65271	45.880	ng	#	92
6) Aniline	7.42	93	208442	36.160	ng		98
8) 2-Chlorophenol	7.66	128	170406	46.615	ng		97
9) Benzaldehyde	7.24	77	131303	44.422	ng		97
10) Phenol	7.28	94	232189	46.572	ng		98
11) bis(2-Chloroethyl)ether	7.52	93	153509	40.541	ng		96
12) 1,3-Dichlorobenzene	7.99	146	162840	40.013	ng		98
13) 1,4-Dichlorobenzene	8.14	146	167761	40.299	ng		99
14) 1,2-Dichlorobenzene	8.45	146	159184	39.751	ng		98
15) Benzyl Alcohol	8.34	79	154117	44.142	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.62	45	283012	41.772	ng		98
17) 2-Methylphenol	8.54	107	157029	47.642	ng		98
18) Hexachloroethane	9.18	117	58589	41.283	ng		98
19) n-Nitroso-di-n-propylamine	8.91	70	130053	39.969	ng		94
20) 3+4-Methylphenols	8.86	107	218947	46.461	ng		99
22) Acetophenone	8.93	105	248369	40.461	ng		97
24) Nitrobenzene	9.32	77	190609	41.993	ng		95
25) Isophorone	9.83	82	374469	46.906	ng		98
26) 2-Nitrophenol	10.03	139	95530	46.718	ng		98
27) 2,4-Dimethylphenol	10.07	122	185913	50.922	ng		97
28) bis(2-Chloroethoxy)methane	10.32	93	227342	43.464	ng		99
29) 2,4-Dichlorophenol	10.56	162	187202	46.052	ng		99
30) 1,2,4-Trichlorobenzene	10.78	180	175577	39.718	ng		97
31) Naphthalene	10.97	128	524553	43.632	ng		99
32) Benzoic acid	10.20	122	108924	45.934	ng		99
33) 4-Chloroaniline	11.09	127	143663	25.433	ng		97
34) Hexachlorobutadiene	11.23	225	98517	37.602	ng		96
35) Caprolactam	11.87	113	68795m	42.197	ng		
36) 4-Chloro-3-methylphenol	12.18	107	207150	45.186	ng		99
37) 2-Methylnaphthalene	12.57	142	397880	45.401	ng		99
38) 1-Methylnaphthalene	12.79	142	382184	44.906	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	202852	38.551	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.89	237	241001	95.883	ng		99
43) 2,4,6-Trichlorophenol	13.17	196	157922	44.923	ng		98
44) 2,4,5-Trichlorophenol	13.24	196	172026	44.945	ng		98
46) 1,1'-Biphenyl	13.57	154	527030	39.010	ng		98
47) 2-Chloronaphthalene	13.62	162	417244	40.822	ng		98
48) 2-Nitroaniline	13.82	65	138978	44.838	ng		98
49) Acenaphthylene	14.46	152	694619	45.178	ng		99
50) Dimethylphthalate	14.19	163	541115	42.877	ng		100
51) 2,6-Dinitrotoluene	14.31	165	125040	44.787	ng		91
52) Acenaphthene	14.80	154	404470	42.715	ng		98
53) 3-Nitroaniline	14.65	138	108657	35.058	ng	#	93
54) 2,4-Dinitrophenol	14.85	184	70473	65.013	ng		97
55) Dibenzofuran	15.13	168	649752	41.415	ng		100
56) 4-Nitrophenol	14.95	139	271388	118.297	ng		98
57) 2,4-Dinitrotoluene	15.10	165	174018	47.484	ng		97
58) Fluorene	15.78	166	529161	45.041	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.35	232	153659	46.889	ng		99
60) Diethylphthalate	15.54	149	557502	43.028	ng		100
61) 4-Chlorophenyl-phenylether	15.77	204	277434	40.514	ng		98
62) 4-Nitroaniline	15.81	138	136386	44.285	ng		93
63) Azobenzene	16.06	77	534722	43.255	ng		99
65) 4,6-Dinitro-2-methylphenol	15.86	198	74573	38.172	ng		99
66) n-Nitrosodiphenylamine	15.99	169	487257	41.097	ng		99
67) 4-Bromophenyl-phenylether	16.66	248	172395	39.829	ng		96
68) Hexachlorobenzene	16.77	284	173865	38.757	ng		98
69) Atrazine	16.93	200	182906	42.669	ng		97
70) Pentachlorophenol	17.12	266	199557	66.411	ng		95
71) Phenanthrene	17.52	178	872545	43.558	ng		100
72) Anthracene	17.62	178	885919	45.065	ng		98
73) Carbazole	17.89	167	806479	41.012	ng		99
74) Di-n-butylphthalate	18.42	149	957908	43.790	ng		100
75) Fluoranthene	19.53	202	1011605	44.525	ng		98
77) Benzidine	19.71	184	476171	39.451	ng		100
78) Pyrene	19.89	202	1006278	43.365	ng		100
80) Butylbenzylphthalate	20.76	149	432851	45.579	ng		98
81) Benzo(a)anthracene	21.75	228	934245	44.496	ng		98
82) 3,3'-Dichlorobenzidine	21.66	252	254118	31.225	ng		100
83) Chrysene	21.81	228	873272	43.254	ng		100
84) Bis(2-ethylhexyl)phthalate	21.62	149	606666	45.574	ng		99
85) Di-n-octyl phthalate	22.87	149	1021971	47.080	ng		98
86) Indeno(1,2,3-cd)pyrene	28.92	276	939414	43.383	ng		99
88) Benzo(b)fluoranthene	24.03	252	928458	46.837	ng		99
89) Benzo(k)fluoranthene	24.11	252	888244	45.735	ng		98
90) Benzo(a)pyrene	24.95	252	891857	47.347	ng		98
91) Dibenzo(a,h)anthracene	28.99	278	734474	42.271	ng		96
92) Benzo(g,h,i)perylene	30.13	276	758028	43.122	ng		98

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

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