Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101118\
Data File : BG037271.D
Acq On : 11 Oct 2018 23:53
Operator : JU/SJ
Sample : PB113698BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB113698BS

Manual Integrations APPROVED
Sohil
10/12/2018 8:53:19 AM

Quant Time: Oct 12 07:26:47 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 11 13:59:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	52169	20.00	ng		0.00
21) Naphthalene-d8	10.94	136	233747	20.00	ng		0.00
39) Acenaphthene-d10	14.76	164	158212	20.00	ng		0.00
64) Phenanthrene-d10	17.50	188	405894	20.00	ng		0.00
76) Chrysene-d12	21.80	240	378526	20.00	ng		0.00
87) Perylene-d12	25.14	264	413981	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	314682	106.16	ng		0.00
7) Phenol-d6	7.26	99	452652	100.60	ng		0.00
23) Nitrobenzene-d5	9.30	82	228981	64.40	ng		0.00
42) 2,4,6-Tribromophenol	16.24	330	154205	99.38	ng		0.00
45) 2-Fluorobiphenyl	13.38	172	621459	58.99	ng		0.00
79) Terphenyl-d14	20.10	244	1067321	59.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	36661	22.021	ng		96
3) Pyridine	3.94	79	110110	27.856	ng		96
4) n-Nitrosodimethylamine	3.86	42	54096	35.241	ng		98
6) Aniline	7.44	93	137821	23.400	ng		97
8) 2-Chlorophenol	7.68	128	126138	36.358	ng		95
9) Benzaldehyde	7.26	77	67658	21.841	ng		98
10) Phenol	7.28	94	171848	36.265	ng		98
11) bis(2-Chloroethyl)ether	7.54	93	118562	30.626	ng		95
12) 1,3-Dichlorobenzene	8.01	146	121778	29.859	ng		99
13) 1,4-Dichlorobenzene	8.16	146	124329	30.110	ng		99
14) 1,2-Dichlorobenzene	8.48	146	120553	30.129	ng		98
15) Benzyl Alcohol	8.36	79	119421	33.932	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.64	45	231267	30.218	ng		98
17) 2-Methylphenol	8.55	107	117908	37.152	ng		99
18) Hexachloroethane	9.21	117	43012	30.519	ng		94
19) n-Nitroso-di-n-propylamine	8.93	70	101882	29.909	ng		95
20) 3+4-Methylphenols	8.88	107	162209	36.554	ng		97
22) Acetophenone	8.95	105	188623	32.012	ng	#	99
24) Nitrobenzene	9.34	77	132304	34.743	ng		98
25) Isophorone	9.86	82	291858	35.959	ng		97
26) 2-Nitrophenol	10.05	139	42079	33.030	ng		99
27) 2,4-Dimethylphenol	10.09	122	139076	40.995	ng		97
28) bis(2-Chloroethoxy)methane	10.34	93	174676	34.399	ng		98
29) 2,4-Dichlorophenol	10.58	162	136089	39.518	ng		99
30) 1,2,4-Trichlorobenzene	10.80	180	127787	30.494	ng		99
31) Naphthalene	11.00	128	394967	34.768	ng		98
32) Benzoic acid	10.20	122	52684	28.124	ng		94
33) 4-Chloroaniline	11.10	127	76787	14.409	ng		98
34) Hexachlorobutadiene	11.26	225	75331	28.948	ng		97
35) Caprolactam	11.88	113	52805m	37.613	ng		
36) 4-Chloro-3-methylphenol	12.20	107	156193	38.404	ng		99
37) 2-Methylnaphthalene	12.59	142	302840	36.530	ng		99
38) 1-Methylnaphthalene	12.81	142	291212	35.966	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.95	216	152480	29.761	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.92	237	157818	74.717	ng		99
43) 2,4,6-Trichlorophenol	13.19	196	111714	37.586	ng		99
44) 2,4,5-Trichlorophenol	13.26	196	125702	39.307	ng		99
46) 1,1'-Biphenyl	13.59	154	398080	30.587	ng		98
47) 2-Chloronaphthalene	13.64	162	312527	31.791	ng		99
48) 2-Nitroaniline	13.84	65	86566	34.358	ng		97
49) Acenaphthylene	14.48	152	533567	35.480	ng		99
50) Dimethylphthalate	14.20	163	441732	35.528	ng		100
51) 2,6-Dinitrotoluene	14.33	165	81045	35.005	ng		96
52) Acenaphthene	14.82	154	319118	34.354	ng		95
53) 3-Nitroaniline	14.66	138	52935	20.349	ng		95
54) 2,4-Dinitrophenol	14.86	184	23900	38.415	ng		98
55) Dibenzofuran	15.16	168	494786	32.826	ng		99
56) 4-Nitrophenol	14.95	139	156378	77.118	ng		96
57) 2,4-Dinitrotoluene	15.12	165	107839	36.693	ng	#	98
58) Fluorene	15.80	166	408966	35.876	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.37	232	108232	38.227	ng		96
60) Diethylphthalate	15.56	149	461917	35.848	ng		98
61) 4-Chlorophenyl-phenylether	15.79	204	213918	32.104	ng		99
62) 4-Nitroaniline	15.83	138	100183	36.691	ng		97
63) Azobenzene	16.08	77	427267	34.585	ng		99
65) 4,6-Dinitro-2-methylphenol	15.87	198	24919	23.130	ng		96
66) n-Nitrosodiphenylamine	16.01	169	387025	32.469	ng		99
67) 4-Bromophenyl-phenylether	16.69	248	133731	30.528	ng		97
68) Hexachlorobenzene	16.80	284	139872	30.796	ng		98
69) Atrazine	16.95	200	151288	34.149	ng		98
70) Pentachlorophenol	17.14	266	159325	54.371	ng		97
71) Phenanthrene	17.55	178	712579	34.488	ng		100
72) Anthracene	17.64	178	724208	35.810	ng		98
73) Carbazole	17.91	167	678798	32.576	ng		100
74) Di-n-butylphthalate	18.45	149	813676	36.433	ng		99
75) Fluoranthene	19.55	202	864966	35.818	ng		99
77) Benzidine	19.73	184	307202	21.214	ng		99
78) Pyrene	19.91	202	870661	35.292	ng		99
80) Butylbenzylphthalate	20.79	149	346802	36.131	ng		99
81) Benzo(a)anthracene	21.77	228	822846	36.296	ng		99
82) 3,3'-Dichlorobenzidine	21.69	252	152401	17.427	ng		99
83) Chrysene	21.84	228	763434	35.303	ng		100
84) Bis(2-ethylhexyl)phthalate	21.67	149	498953	36.201	ng		99
85) Di-n-octyl phthalate	22.93	149	847386	37.879	ng		99
86) Indeno(1,2,3-cd)pyrene	28.99	276	914118	38.136	ng		99
88) Benzo(b)fluoranthene	24.07	252	830327	36.891	ng		99
89) Benzo(k)fluoranthene	24.15	252	771036	34.717	ng		98
90) Benzo(a)pyrene	24.99	252	792119	36.702	ng		99
91) Dibenzo(a,h)anthracene	29.07	278	755178	36.570	ng		99
92) Benzo(g,h,i)perylene	30.21	276	756592	36.684	ng		99

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

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