Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100418\
Data File : BG037147.D
Acq On : 4 Oct 2018 5:35
Operator : JU/SJ
Sample : PB113450BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB113450BS

Manual Integrations APPROVED
Sohil
10/4/2018 12:59:31 PM

Quant Time: Oct 04 06:35:38 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	46258	20.00	ng		0.00
21) Naphthalene-d8	10.84	136	182864	20.00	ng		-0.01
38) Acenaphthene-d10	14.66	164	111105	20.00	ng		-0.01
63) Phenanthrene-d10	17.41	188	278415	20.00	ng		-0.01
75) Chrysene-d12	21.67	240	287051	20.00	ng		-0.02
86) Perylene-d12	24.88	264	293407	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	351357	145.67	ng		0.00
7) Phenol-d6	7.20	99	483897	129.67	ng		-0.01
23) Nitrobenzene-d5	9.20	82	304845	89.27	ng		-0.01
41) 2,4,6-Tribromophenol	16.16	330	173155	130.26	ng		-0.01
44) 2-Fluorobiphenyl	13.28	172	635721	85.22	ng		-0.02
78) Terphenyl-d14	20.02	244	1073572	98.34	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	51912	47.034	ng		98
3) Pyridine	3.92	79	142796	44.807	ng		99
4) n-Nitrosodimethylamine	3.83	42	73063	51.582	ng	#	95
6) Aniline	7.37	93	82861	17.112	ng		97
8) 2-Chlorophenol	7.61	128	142741	50.966	ng		100
9) Benzaldehyde	7.18	77	69439	28.159	ng		97
10) Phenol	7.23	94	189789	49.277	ng		98
11) bis(2-Chloroethyl)ether	7.46	93	143919	40.396	ng		99
12) 1,3-Dichlorobenzene	7.93	146	152432	44.394	ng		99
13) 1,4-Dichlorobenzene	8.08	146	155520	44.260	ng		97
14) 1,2-Dichlorobenzene	8.39	146	147747	43.390	ng		99
15) Benzyl Alcohol	8.28	79	127126	41.983	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.56	45	290618	42.489	ng		97
17) 2-Methylphenol	8.48	107	121341	45.229	ng		96
18) Hexachloroethane	9.12	117	61388	47.474	ng		99
19) n-Nitroso-di-n-propylamine	8.83	70	121938	39.278	ng		94
20) 3+4-Methylphenols	8.81	107	170972	45.809	ng		100
22) Acetophenone	8.86	105	216233	50.319	ng	#	98
24) Nitrobenzene	9.24	77	179038	49.097	ng		99
25) Isophorone	9.76	82	337802	54.139	ng		98
26) 2-Nitrophenol	9.95	139	78862	54.256	ng		97
27) 2,4-Dimethylphenol	10.01	122	129827	57.340	ng		97
28) bis(2-Chloroethoxy)methane	10.24	93	193794	50.335	ng		99
29) 2,4-Dichlorophenol	10.49	162	137856	52.522	ng		97
30) 1,2,4-Trichlorobenzene	10.70	180	157730	48.020	ng		99
31) Naphthalene	10.89	128	453720	52.147	ng		99
32) Benzoic acid	10.14	122	33504m	22.791	ng		
33) 4-Chloroaniline	11.01	127	44779	11.319	ng		97
34) Hexachlorobutadiene	11.17	225	105439	46.418	ng		96
35) Caprolactam	11.78	113	49896	46.188	ng		97
36) 4-Chloro-3-methylphenol	12.12	107	150272	47.983	ng		99
37) 2-Methylnaphthalene	12.50	142	331392	50.009	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	183048	47.236	ng		98
40) Hexachlorocyclopentadiene	12.84	237	220320	110.547	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	111417	51.777 ng	95
43) 2,4,5-Trichlorophenol	13.17	196	123182	53.684 ng	98
45) 1,1'-Biphenyl	13.49	154	429765	50.507 ng	97
46) 2-Chloronaphthalene	13.54	162	324813	48.540 ng	98
47) 2-Nitroaniline	13.75	65	113971	49.241 ng	95
48) Acenaphthylene	14.39	152	555933	53.017 ng	98
49) Dimethylphthalate	14.12	163	424769	47.496 ng	99
50) 2,6-Dinitrotoluene	14.23	165	95222	48.801 ng	97
51) Acenaphthene	14.73	154	315586	49.797 ng	98
52) 3-Nitroaniline	14.58	138	35876	17.448 ng	95
53) 2,4-Dinitrophenol	14.78	184	25871	33.236 ng	91
54) Dibenzofuran	15.06	168	515446	48.085 ng	99
55) 4-Nitrophenol	14.88	139	138448	105.401 ng	97
56) 2,4-Dinitrotoluene	15.03	165	136685	50.201 ng	88
57) Fluorene	15.71	166	416618	51.998 ng	96
58) 2,3,4,6-Tetrachlorophenol	15.29	232	121531	52.211 ng	99
59) Diethylphthalate	15.47	149	427370	47.380 ng	99
60) 4-Chlorophenyl-phenylether	15.70	204	228396	45.013 ng	98
61) 4-Nitroaniline	15.74	138	104309	48.229 ng	95
62) Azobenzene	16.00	77	440988	50.881 ng	98
64) 4,6-Dinitro-2-methylphenol	15.79	198	45397	31.188 ng	97
65) n-Nitrosodiphenylamine	15.91	169	370751	48.236 ng	98
66) 4-Bromophenyl-phenylether	16.60	248	144197	45.534 ng	96
67) Hexachlorobenzene	16.71	284	148364	45.488 ng	96
68) Atrazine	16.86	200	160778	51.660 ng	98
69) Pentachlorophenol	17.06	266	144798	70.512 ng	98
70) Phenanthrene	17.45	178	706782	52.679 ng	98
71) Anthracene	17.54	178	724535	54.614 ng	99
72) Carbazole	17.81	167	656875	50.783 ng	98
73) Di-n-butylphthalate	18.36	149	769242	53.551 ng	99
74) Fluoranthene	19.46	202	883168	54.686 ng	99
76) Benzidine	19.64	184	181565	20.924 ng	99
77) Pyrene	19.82	202	874092	50.744 ng	100
79) Butylbenzylphthalate	20.70	149	368253	53.635 ng	94
80) Benzo(a)anthracene	21.66	228	864423	51.587 ng	99
81) 3,3'-Dichlorobenzidine	21.57	252	145488	22.810 ng	99
82) Chrysene	21.73	228	826206	51.031 ng	99
83) Bis(2-ethylhexyl)phthalate	21.56	149	511824	53.362 ng	100
84) Di-n-octyl phthalate	22.76	149	861689	54.564 ng	98
85) Indeno(1,2,3-cd)pyrene	28.52	276	950818	54.690 ng	98
87) Benzo(b)fluoranthene	23.86	252	838185	53.605 ng	97
88) Benzo(k)fluoranthene	23.93	252	848764	54.105 ng	99
89) Benzo(a)pyrene	24.73	252	823145	54.452 ng	99
90) Dibenzo(a,h)anthracene	28.58	278	770303	54.370 ng	97
91) Benzo(g,h,i)perylene	29.67	276	779606	54.829 ng	98

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

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