Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082718\
Data File : BG036456.D
Acq On : 28 Aug 2018 8:21
Operator : JU/SJ
Sample : PB112355BS
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB112355BS

Manual Integrations APPROVED
Sohil
8/28/2018 11:19:58 AM

Quant Time: Aug 28 09:40:00 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 23 12:07:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	55273	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	246083	20.00	ng	-0.02
38) Acenaphthene-d10	14.69	164	161897	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	422812	20.00	ng	0.00
75) Chrysene-d12	21.70	240	444492	20.00	ng	0.00
86) Perylene-d12	24.92	264	468454	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	396272	113.73	ng	0.00
7) Phenol-d6	7.22	99	535864	107.41	ng	0.00
23) Nitrobenzene-d5	9.22	82	300171	66.18	ng	-0.02
41) 2,4,6-Tribromophenol	16.17	330	220220	114.00	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	729008	64.29	ng	-0.02
78) Terphenyl-d14	20.04	244	1286104	67.63	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.53	88	59871	36.818	ng	94
3) Pyridine	3.93	79	169451	37.124	ng	96
4) n-Nitrosodimethylamine	3.84	42	84080	41.357	ng	89
6) Aniline	7.38	93	188668	29.794	ng	97
8) 2-Chlorophenol	7.62	128	167771	44.400	ng	99
9) Benzaldehyde	7.20	77	106165	30.903	ng	94
10) Phenol	7.25	94	232794	44.591	ng	99
11) bis(2-Chloroethyl)ether	7.48	93	158696	38.342	ng	97
12) 1,3-Dichlorobenzene	7.95	146	166817	38.663	ng	100
13) 1,4-Dichlorobenzene	8.10	146	171363	39.338	ng	98
14) 1,2-Dichlorobenzene	8.42	146	161517	38.824	ng	96
15) Benzyl Alcohol	8.30	79	164182	40.824	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.59	45	293894	35.210	ng	98
17) 2-Methylphenol	8.50	107	154305	44.512	ng	99
18) Hexachloroethane	9.15	117	61537	39.400	ng	88
19) n-Nitroso-di-n-propylamine	8.87	70	129703	34.787	ng	97
20) 3+4-Methylphenols	8.82	107	212855	43.980	ng	98
22) Acetophenone	8.88	105	252230	39.033	ng	99
24) Nitrobenzene	9.26	77	195894	40.054	ng	98
25) Isophorone	9.79	82	369203	40.977	ng	99
26) 2-Nitrophenol	9.98	139	86675	44.723	ng	94
27) 2,4-Dimethylphenol	10.03	122	171537	47.807	ng	99
28) bis(2-Chloroethoxy)methane	10.27	93	219072	39.617	ng	98
29) 2,4-Dichlorophenol	10.51	162	181821	46.237	ng	97
30) 1,2,4-Trichlorobenzene	10.73	180	182285	39.625	ng	99
31) Naphthalene	10.92	128	510962	41.537	ng	99
32) Benzoic acid	10.16	122	108814	41.567	ng	96
33) 4-Chloroaniline	11.02	127	136281	24.176	ng	98
34) Hexachlorobutadiene	11.21	225	119279	38.591	ng	94
35) Caprolactam	11.80	113	64854m	41.400	ng	
36) 4-Chloro-3-methylphenol	12.14	107	200098	43.792	ng	99
37) 2-Methylnaphthalene	12.52	142	391657	43.513	ng	97
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	226165	39.475	ng	99
40) Hexachlorocyclopentadiene	12.86	237	261467	87.712	ng	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	155499	44.555 ng	98
43) 2,4,5-Trichlorophenol	13.19	196	172141	46.243 ng	99
45) 1,1'-Biphenyl	13.52	154	514184	38.261 ng	97
46) 2-Chloronaphthalene	13.56	162	393720	38.377 ng	98
47) 2-Nitroaniline	13.76	65	139162	43.196 ng	97
48) Acenaphthylene	14.41	152	671045	41.852 ng	99
49) Dimethylphthalate	14.14	163	528881	40.007 ng	98
50) 2,6-Dinitrotoluene	14.26	165	117415	43.163 ng	94
51) Acenaphthene	14.75	154	419728	40.875 ng	98
52) 3-Nitroaniline	14.59	138	98278	33.525 ng	99
53) 2,4-Dinitrophenol	14.79	184	58813	57.079 ng	98
54) Dibenzofuran	15.09	168	632604	39.322 ng	100
55) 4-Nitrophenol	14.89	139	207355	86.512 ng	96
56) 2,4-Dinitrotoluene	15.04	165	165885	46.790 ng	88
57) Fluorene	15.73	166	510666	42.462 ng	96
58) 2,3,4,6-Tetrachlorophenol	15.31	232	170033	48.616 ng	97
59) Diethylphthalate	15.50	149	526652	39.530 ng	99
60) 4-Chlorophenyl-phenylether	15.73	204	289799	39.023 ng	98
61) 4-Nitroaniline	15.75	138	134133	43.726 ng	98
62) Azobenzene	16.02	77	524845	38.718 ng	98
64) 4,6-Dinitro-2-methylphenol	15.80	198	63589	34.237 ng	96
65) n-Nitrosodiphenylamine	15.94	169	474954	37.805 ng	96
66) 4-Bromophenyl-phenylether	16.62	248	192481	38.883 ng	98
67) Hexachlorobenzene	16.74	284	191515	37.835 ng	97
68) Atrazine	16.89	200	200991	42.623 ng	98
69) Pentachlorophenol	17.08	266	235089	68.336 ng	98
70) Phenanthrene	17.48	178	883585	41.127 ng	98
71) Anthracene	17.57	178	905098	42.263 ng	99
72) Carbazole	17.83	167	815618	38.134 ng	99
73) Di-n-butylphthalate	18.39	149	939138	39.432 ng	100
74) Fluoranthene	19.48	202	1115562	42.589 ng	99
76) Benzidine	19.66	184	542942	38.286 ng	99
77) Pyrene	19.84	202	1105061	40.429 ng	99
79) Butylbenzylphthalate	20.73	149	440097	40.458 ng	95
80) Benzo(a)anthracene	21.68	228	1117929	41.515 ng	100
81) 3,3'-Dichlorobenzidine	21.59	252	264222	24.620 ng	99
82) Chrysene	21.75	228	1028091	40.279 ng	99
83) Bis(2-ethylhexyl)phthalate	21.60	149	605366	39.769 ng	98
84) Di-n-octyl phthalate	22.81	149	1033647	40.654 ng	97
85) Indeno(1,2,3-cd)pyrene	28.57	276	1293330	43.626 ng	99
87) Benzo(b)fluoranthene	23.89	252	1113815	42.817 ng	96
88) Benzo(k)fluoranthene	23.96	252	1073252	42.231 ng	99
89) Benzo(a)pyrene	24.76	252	1094214	43.774 ng	99
90) Dibenzo(a,h)anthracene	28.65	278	1040818	43.130 ng	97
91) Benzo(g,h,i)perylene	29.72	276	1079612	44.519 ng	98

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

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