Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082318\
Data File : BG036363.D
Acq On : 23 Aug 2018 4:23
Operator : JU/SJ
Sample : PB112219BS
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB112219BS

Manual Integrations APPROVED
Sohil
8/23/2018 6:34:45 PM

Quant Time: Aug 23 12:40:22 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	8.07	152	49130	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	218960	20.00	ng	0.00
38) Acenaphthene-d10	14.70	164	145327	20.00	ng	0.00
63) Phenanthrene-d10	17.44	188	377508	20.00	ng	0.00
75) Chrysene-d12	21.71	240	398372	20.00	ng	0.00
86) Perylene-d12	24.93	264	396637	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	309094	99.80	ng	0.00
7) Phenol-d6	7.22	99	431071	97.21	ng	0.00
23) Nitrobenzene-d5	9.23	82	316552	78.44	ng	0.00
41) 2,4,6-Tribromophenol	16.18	330	164900	95.09	ng	0.00
44) 2-Fluorobiphenyl	13.32	172	767384	75.39	ng	0.00
78) Terphenyl-d14	20.05	244	1362360	79.93	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.54	88	50516	34.949	ng	97
3) Pyridine	3.93	79	145814	35.940	ng	96
4) n-Nitrosodimethylamine	3.85	42	79048	43.744	ng	94
6) Aniline	7.40	93	202770	36.025	ng	97
8) 2-Chlorophenol	7.64	128	152770	45.485	ng	100
9) Benzaldehyde	7.21	77	74187	24.295	ng	95
10) Phenol	7.25	94	213155	45.934	ng	97
11) bis(2-Chloroethyl)ether	7.49	93	148812	40.450	ng	97
12) 1,3-Dichlorobenzene	7.96	146	150365	39.207	ng	100
13) 1,4-Dichlorobenzene	8.11	146	154201	39.824	ng	98
14) 1,2-Dichlorobenzene	8.42	146	145021	39.217	ng	98
15) Benzyl Alcohol	8.31	79	157474	44.052	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.60	45	290350	39.135	ng	99
17) 2-Methylphenol	8.51	107	143139	46.454	ng	97
18) Hexachloroethane	9.16	117	55114	39.700	ng	97
19) n-Nitroso-di-n-propylamine	8.88	70	129053	38.941	ng	97
20) 3+4-Methylphenols	8.83	107	196332	45.638	ng	97
22) Acetophenone	8.89	105	234231	40.737	ng	99
24) Nitrobenzene	9.28	77	180476	41.472	ng	99
25) Isophorone	9.80	82	359384	44.828	ng	98
26) 2-Nitrophenol	9.99	139	71135	41.251	ng	93
27) 2,4-Dimethylphenol	10.05	122	159820	50.059	ng	98
28) bis(2-Chloroethoxy)methane	10.29	93	205653	41.797	ng	96
29) 2,4-Dichlorophenol	10.52	162	161097	46.042	ng	96
30) 1,2,4-Trichlorobenzene	10.74	180	157922	38.581	ng	99
31) Naphthalene	10.93	128	468640	42.815	ng	99
32) Benzoic acid	10.16	122	99251	42.498	ng	95
33) 4-Chloroaniline	11.03	127	142385	28.388	ng	97
34) Hexachlorobutadiene	11.22	225	104615	38.040	ng	99
35) Caprolactam	11.80	113	62415m	44.779	ng	
36) 4-Chloro-3-methylphenol	12.14	107	182456	44.878	ng	98
37) 2-Methylnaphthalene	12.53	142	368156	45.968	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.89	216	197081	38.321	ng	99
40) Hexachlorocyclopentadiene	12.88	237	234920	87.792	ng	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.13	196	134891	43.057 ng	97
43) 2,4,5-Trichlorophenol	13.20	196	143124	42.832 ng	97
45) 1,1'-Biphenyl	13.54	154	467370	38.743 ng	98
46) 2-Chloronaphthalene	13.58	162	352219	38.246 ng	99
47) 2-Nitroaniline	13.77	65	127029	43.926 ng	99
48) Acenaphthylene	14.42	152	607390	42.201 ng	99
49) Dimethylphthalate	14.15	163	498163	41.980 ng	99
50) 2,6-Dinitrotoluene	14.26	165	103649	42.447 ng	98
51) Acenaphthene	14.76	154	411193	44.609 ng	97
52) 3-Nitroaniline	14.59	138	87986	33.437 ng	98
53) 2,4-Dinitrophenol	14.80	184	95473	103.223 ng	94
54) Dibenzofuran	15.10	168	578822	40.082 ng	99
55) 4-Nitrophenol	14.89	139	192425	89.437 ng	98
56) 2,4-Dinitrotoluene	15.05	165	145914	45.849 ng	92
57) Fluorene	15.74	166	468564	43.403 ng	98
58) 2,3,4,6-Tetrachlorophenol	15.32	232	148175	47.197 ng	98
59) Diethylphthalate	15.52	149	506322	42.337 ng	99
60) 4-Chlorophenyl-phenylether	15.74	204	259572	38.939 ng	99
61) 4-Nitroaniline	15.76	138	120629	43.808 ng	98
62) Azobenzene	16.03	77	507822	41.734 ng	98
64) 4,6-Dinitro-2-methylphenol	15.81	198	67749	40.854 ng	99
65) n-Nitrosodiphenylamine	15.95	169	437258	38.981 ng	98
66) 4-Bromophenyl-phenylether	16.63	248	172428	39.012 ng	97
67) Hexachlorobenzene	16.74	284	172751	38.224 ng	97
68) Atrazine	16.90	200	183992	43.700 ng	99
69) Pentachlorophenol	17.08	266	224696	73.153 ng	97
70) Phenanthrene	17.48	178	816834	42.583 ng	98
71) Anthracene	17.58	178	825729	43.184 ng	99
72) Carbazole	17.84	167	764047	40.010 ng	99
73) Di-n-butylphthalate	18.41	149	896923	42.178 ng	99
74) Fluoranthene	19.49	202	1028117	43.961 ng	99
76) Benzidine	19.66	184	434855	34.214 ng	100
77) Pyrene	19.85	202	1008170	41.154 ng	99
79) Butylbenzylphthalate	20.74	149	414035	42.468 ng	95
80) Benzo(a)anthracene	21.69	228	1016943	42.137 ng	100
81) 3,3'-Dichlorobenzidine	21.61	252	281346	29.251 ng	98
82) Chrysene	21.76	228	936307	40.930 ng	99
83) Bis(2-ethylhexyl)phthalate	21.62	149	572473	41.962 ng	100
84) Di-n-octyl phthalate	22.85	149	980221	43.016 ng	99
85) Indeno(1,2,3-cd)pyrene	28.61	276	1161040	43.698 ng	99
87) Benzo(b)fluoranthene	23.92	252	1031649	46.839 ng	98
88) Benzo(k)fluoranthene	23.99	252	947130	44.016 ng	100
89) Benzo(a)pyrene	24.79	252	988420	46.701 ng	100
90) Dibenzo(a,h)anthracene	28.69	278	936900	45.854 ng	97
91) Benzo(g,h,i)perylene	29.76	276	958282	46.671 ng	97

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

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