Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090718\
Data File : BG036609.D
Acq On : 7 Sep 2018 22:52
Operator : JU/SJ
Sample : PB112689BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB112689BS

Manual Integrations APPROVED
Sohil
9/10/2018 11:06:02 AM

Quant Time: Sep 08 01:50:11 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 31 13:03:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	56906	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	249069	20.00	ng		0.00
38) Acenaphthene-d10	14.68	164	169169	20.00	ng		0.00
63) Phenanthrene-d10	17.43	188	427983	20.00	ng		0.00
75) Chrysene-d12	21.69	240	425244	20.00	ng		0.00
86) Perylene-d12	24.90	264	445171	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	426936	119.01	ng		0.00
7) Phenol-d6	7.21	99	601329	117.08	ng		0.00
23) Nitrobenzene-d5	9.22	82	366657	79.87	ng		0.00
41) 2,4,6-Tribromophenol	16.17	330	262379	129.98	ng		0.00
44) 2-Fluorobiphenyl	13.31	172	867502	73.22	ng		0.00
78) Terphenyl-d14	20.03	244	1421729	78.14	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	48373	28.894	ng		97
3) Pyridine	3.92	79	150991	32.130	ng		95
4) n-Nitrosodimethylamine	3.84	42	80889	38.646	ng		96
6) Aniline	7.38	93	158376	24.293	ng		96
8) 2-Chlorophenol	7.62	128	167134	42.962	ng		98
9) Benzaldehyde	7.19	77	100383	28.381	ng		97
10) Phenol	7.24	94	236905	44.076	ng		98
11) bis(2-Chloroethyl)ether	7.47	93	158981	37.309	ng		97
12) 1,3-Dichlorobenzene	7.94	146	164399	37.009	ng		100
13) 1,4-Dichlorobenzene	8.09	146	170336	37.980	ng		98
14) 1,2-Dichlorobenzene	8.41	146	163650	38.208	ng		96
15) Benzyl Alcohol	8.29	79	170044	41.068	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.58	45	301965	35.139	ng		97
17) 2-Methylphenol	8.50	107	161222	45.173	ng		98
18) Hexachloroethane	9.14	117	62362	38.783	ng		92
19) n-Nitroso-di-n-propylamine	8.86	70	141763	36.931	ng		96
20) 3+4-Methylphenols	8.82	107	221450	44.443	ng		97
22) Acetophenone	8.88	105	257787	39.414	ng	#	98
24) Nitrobenzene	9.26	77	210445	42.513	ng		96
25) Isophorone	9.78	82	394902	43.304	ng		98
26) 2-Nitrophenol	9.97	139	94898	48.378	ng		97
27) 2,4-Dimethylphenol	10.03	122	176516	48.605	ng		98
28) bis(2-Chloroethoxy)methane	10.26	93	232667	41.571	ng		97
29) 2,4-Dichlorophenol	10.50	162	190308	47.815	ng		95
30) 1,2,4-Trichlorobenzene	10.72	180	187628	40.298	ng		99
31) Naphthalene	10.92	128	540581	43.418	ng		99
32) Benzoic acid	10.16	122	101517	38.665	ng		97
33) 4-Chloroaniline	11.02	127	81931	14.360	ng		99
34) Hexachlorobutadiene	11.20	225	126528	40.446	ng		97
35) Caprolactam	11.80	113	69477m	43.820	ng		
36) 4-Chloro-3-methylphenol	12.13	107	214073	46.289	ng		96
37) 2-Methylnaphthalene	12.51	142	422538	46.381	ng		98
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	244077	40.770	ng		99
40) Hexachlorocyclopentadiene	12.86	237	300893	96.599	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	167494	45.929	ng	96
43) 2,4,5-Trichlorophenol	13.18	196	181528	46.669	ng	99
45) 1,1'-Biphenyl	13.52	154	551174	39.251	ng	99
46) 2-Chloronaphthalene	13.56	162	425383	39.681	ng	100
47) 2-Nitroaniline	13.76	65	155454	46.179	ng	97
48) Acenaphthylene	14.41	152	732588	43.726	ng	100
49) Dimethylphthalate	14.14	163	582524	42.170	ng	99
50) 2,6-Dinitrotoluene	14.25	165	130944	46.067	ng	93
51) Acenaphthene	14.75	154	432505	40.308	ng	98
52) 3-Nitroaniline	14.58	138	80907	26.413	ng	96
53) 2,4-Dinitrophenol	14.79	184	76489	71.043	ng	94
54) Dibenzofuran	15.08	168	698103	41.528	ng	98
55) 4-Nitrophenol	14.89	139	199633	79.710	ng	99
56) 2,4-Dinitrotoluene	15.04	165	183600	49.560	ng	90
57) Fluorene	15.73	166	552686	43.980	ng	96
58) 2,3,4,6-Tetrachlorophenol	15.30	232	180135	49.291	ng	96
59) Diethylphthalate	15.50	149	570738	40.998	ng	100
60) 4-Chlorophenyl-phenylether	15.72	204	324212	41.781	ng	97
61) 4-Nitroaniline	15.75	138	138439	43.190	ng	98
62) Azobenzene	16.01	77	562861	39.738	ng	98
64) 4,6-Dinitro-2-methylphenol	15.80	198	81119	43.147	ng	98
65) n-Nitrosodiphenylamine	15.93	169	512377	40.291	ng	97
66) 4-Bromophenyl-phenylether	16.61	248	210164	41.942	ng	97
67) Hexachlorobenzene	16.73	284	217151	42.381	ng	95
68) Atrazine	16.88	200	215717	45.193	ng	99
69) Pentachlorophenol	17.07	266	238654	68.534	ng	99
70) Phenanthrene	17.47	178	933657	42.933	ng	99
71) Anthracene	17.56	178	950731	43.857	ng	99
72) Carbazole	17.83	167	833219	38.487	ng	100
73) Di-n-butylphthalate	18.38	149	956452	39.673	ng	99
74) Fluoranthene	19.47	202	1136211	42.853	ng	99
76) Benzidine	19.65	184	378528	27.900	ng	100
77) Pyrene	19.83	202	1113519	42.582	ng	98
79) Butylbenzylphthalate	20.72	149	439368	42.219	ng	95
80) Benzo(a)anthracene	21.67	228	1122434	43.569	ng	98
81) 3,3'-Dichlorobenzidine	21.59	252	235117	22.900	ng	99
82) Chrysene	21.74	228	1044324	42.767	ng	98
83) Bis(2-ethylhexyl)phthalate	21.58	149	598540	41.100	ng	99
84) Di-n-octyl phthalate	22.79	149	1018624	41.876	ng	97
85) Indeno(1,2,3-cd)pyrene	28.55	276	1226276	43.236	ng	99
87) Benzo(b)fluoranthene	23.88	252	1148048	46.441	ng	97
88) Benzo(k)fluoranthene	23.95	252	1061576	43.956	ng	98
89) Benzo(a)pyrene	24.75	252	1090286	45.898	ng	100
90) Dibenzo(a,h)anthracene	28.62	278	995959	43.430	ng	97
91) Benzo(g,h,i)perylene	29.69	276	1025944	44.518	ng	97

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

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