Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111618\
Data File : BG038058.D
Acq On : 17 Nov 2018 7:06
Operator : JU/SJ
Sample : PB114894BSD
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB114894BSD

Quant Time: Nov 19 05:45:58 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 16:39:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	42443	20.00	ng		0.00
21) Naphthalene-d8	10.90	136	177956	20.00	ng		0.00
39) Acenaphthene-d10	14.72	164	112520	20.00	ng		0.00
64) Phenanthrene-d10	17.47	188	260655	20.00	ng		0.00
76) Chrysene-d12	21.75	240	246046	20.00	ng		0.00
87) Perylene-d12	25.07	264	246000	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	360051	146.47	ng		0.00
7) Phenol-d6	7.23	99	482979	137.64	ng		0.00
23) Nitrobenzene-d5	9.27	82	225478	67.83	ng		0.00
42) 2,4,6-Tribromophenol	16.21	330	167307	130.38	ng		0.00
45) 2-Fluorobiphenyl	13.34	172	501156	64.89	ng		0.00
79) Terphenyl-d14	20.06	244	782357	74.82	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	50962	43.890	ng		97
3) Pyridine	3.92	79	113115	34.151	ng		100
4) n-Nitrosodimethylamine	3.84	42	56223	46.788	ng		97
6) Aniline	7.41	93	165588	36.563	ng		96
8) 2-Chlorophenol	7.64	128	134921	47.301	ng		98
9) Benzaldehyde	7.23	77	85076	33.526	ng		94
10) Phenol	7.26	94	176857	47.583	ng		98
11) bis(2-Chloroethyl)ether	7.50	93	127885	42.146	ng		98
12) 1,3-Dichlorobenzene	7.97	146	134691	40.990	ng		99
13) 1,4-Dichlorobenzene	8.12	146	139298	41.965	ng		99
14) 1,2-Dichlorobenzene	8.44	146	132427	41.787	ng		97
15) Benzyl Alcohol	8.33	79	117913	46.439	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.60	45	247634	43.950	ng		98
17) 2-Methylphenol	8.52	107	118432	47.131	ng		95
18) Hexachloroethane	9.17	117	51165	42.353	ng		99
19) n-Nitroso-di-n-propylamine	8.89	70	103084	40.600	ng		99
20) 3+4-Methylphenols	8.85	107	162277	45.555	ng		98
22) Acetophenone	8.91	105	196235	44.320	ng	#	99
24) Nitrobenzene	9.31	77	154518	45.437	ng		95
25) Isophorone	9.82	82	289919	48.452	ng		96
26) 2-Nitrophenol	10.01	139	75397	44.410	ng		91
27) 2,4-Dimethylphenol	10.06	122	136441	53.340	ng		99
28) bis(2-Chloroethoxy)methane	10.30	93	174750	45.672	ng		95
29) 2,4-Dichlorophenol	10.55	162	136961	47.602	ng		99
30) 1,2,4-Trichlorobenzene	10.76	180	139724	43.337	ng		95
31) Naphthalene	10.96	128	409511	46.786	ng		99
32) Benzoic acid	10.19	122	70916	44.327	ng		98
33) 4-Chloroaniline	11.06	127	116267	28.557	ng		97
34) Hexachlorobutadiene	11.22	225	81345	40.994	ng		97
35) Caprolactam	11.85	113	32404	28.137	ng	#	91
36) 4-Chloro-3-methylphenol	12.17	107	146935	46.745	ng		95
37) 2-Methylnaphthalene	12.55	142	301284	47.921	ng		99
38) 1-Methylnaphthalene	12.77	142	285563	47.186	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.91	216	156036	41.500	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	193375	96.047	ng		99
43) 2,4,6-Trichlorophenol	13.16	196	110845	43.263	ng		98
44) 2,4,5-Trichlorophenol	13.23	196	118460	43.942	ng		95
46) 1,1'-Biphenyl	13.55	154	384908	40.718	ng		100
47) 2-Chloronaphthalene	13.60	162	302011	41.868	ng		100
48) 2-Nitroaniline	13.81	65	103702	45.679	ng		94
49) Acenaphthylene	14.45	152	502734	46.346	ng		100
50) Dimethylphthalate	14.17	163	388734	43.579	ng		100
51) 2,6-Dinitrotoluene	14.30	165	89746	44.453	ng		97
52) Acenaphthene	14.78	154	288348	44.155	ng		99
53) 3-Nitroaniline	14.64	138	76766	34.459	ng	#	98
54) 2,4-Dinitrophenol	14.84	184	89845	82.171	ng		91
55) Dibenzofuran	15.12	168	467711	43.314	ng		98
56) 4-Nitrophenol	14.93	139	154285	89.795	ng		97
57) 2,4-Dinitrotoluene	15.09	165	127003	46.235	ng	#	93
58) Fluorene	15.76	166	371717	46.137	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.34	232	104240	46.210	ng		97
60) Diethylphthalate	15.52	149	401363	42.362	ng		99
61) 4-Chlorophenyl-phenylether	15.75	204	191563	40.634	ng		98
62) 4-Nitroaniline	15.80	138	101289	45.768	ng		94
63) Azobenzene	16.05	77	374225	44.175	ng		99
65) 4,6-Dinitro-2-methylphenol	15.84	198	69062	41.890	ng		94
66) n-Nitrosodiphenylamine	15.97	169	343810	43.600	ng		99
67) 4-Bromophenyl-phenylether	16.65	248	120578	42.147	ng		97
68) Hexachlorobenzene	16.76	284	122625	41.525	ng		99
69) Atrazine	16.91	200	128318	44.143	ng		99
70) Pentachlorophenol	17.11	266	153454	76.513	ng		97
71) Phenanthrene	17.51	178	627380	47.012	ng		99
72) Anthracene	17.60	178	637266	48.444	ng		99
73) Carbazole	17.87	167	591846	44.843	ng		99
74) Di-n-butylphthalate	18.41	149	706120	47.661	ng		99
75) Fluoranthene	19.52	202	748174	49.138	ng		100
77) Benzidine	19.70	184	337168	39.053	ng		99
78) Pyrene	19.88	202	753689	46.852	ng		98
80) Butylbenzylphthalate	20.75	149	330175	46.933	ng		99
81) Benzo(a)anthracene	21.73	228	708013	47.617	ng		100
82) 3,3'-Dichlorobenzidine	21.65	252	194106	33.513	ng		97
83) Chrysene	21.80	228	659361	46.348	ng		99
84) Bis(2-ethylhexyl)phthalate	21.60	149	460696	45.920	ng		100
85) Di-n-octyl phthalate	22.84	149	789750	48.658	ng		100
86) Indeno(1,2,3-cd)pyrene	28.88	276	778438	49.268	ng		98
88) Benzo(b)fluoranthene	24.01	252	691993	51.117	ng		99
89) Benzo(k)fluoranthene	24.08	252	678714	50.809	ng		99
90) Benzo(a)pyrene	24.91	252	677195	52.344	ng		99
91) Dibenzo(a,h)anthracene	28.95	278	646199	51.911	ng		99
92) Benzo(g,h,i)perylene	30.08	276	642781	51.932	ng		99

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

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