Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091418\
Data File : BG036702.D
Acq On : 14 Sep 2018 11:15
Operator : JU/SJ
Sample : PB112800BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB112800BS

Quant Time: Sep 14 11:50:47 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	60461	20.00	ng		-0.01
21) Naphthalene-d8	10.86	136	291544	20.00	ng		-0.01
38) Acenaphthene-d10	14.67	164	205210	20.00	ng		-0.01
63) Phenanthrene-d10	17.42	188	479929	20.00	ng		-0.01
75) Chrysene-d12	21.68	240	447486	20.00	ng		-0.01
86) Perylene-d12	24.89	264	434585	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	439083	115.20	ng		0.00
7) Phenol-d6	7.21	99	617165	113.09	ng		0.00
23) Nitrobenzene-d5	9.22	82	368826	68.64	ng		0.00
41) 2,4,6-Tribromophenol	16.17	330	262835	107.34	ng		0.00
44) 2-Fluorobiphenyl	13.30	172	931142	64.79	ng		-0.01
78) Terphenyl-d14	20.02	244	1306328	68.23	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	49350	27.744	ng		98
3) Pyridine	3.92	79	152375	30.518	ng		93
4) n-Nitrosodimethylamine	3.83	42	81198	36.512	ng		100
6) Aniline	7.38	93	230604	33.292	ng		97
8) 2-Chlorophenol	7.62	128	180965	43.782	ng		98
9) Benzaldehyde	7.19	77	103190	27.460	ng		97
10) Phenol	7.24	94	257058	45.013	ng		96
11) bis(2-Chloroethyl)ether	7.47	93	170925	37.753	ng		99
12) 1,3-Dichlorobenzene	7.94	146	171836	36.409	ng		97
13) 1,4-Dichlorobenzene	8.09	146	176458	37.032	ng		99
14) 1,2-Dichlorobenzene	8.41	146	169022	37.142	ng		98
15) Benzyl Alcohol	8.29	79	184664	41.977	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.58	45	324333	35.523	ng		100
17) 2-Methylphenol	8.49	107	173616	45.785	ng		97
18) Hexachloroethane	9.13	117	63094	36.931	ng		95
19) n-Nitroso-di-n-propylamine	8.85	70	153167	37.556	ng		93
20) 3+4-Methylphenols	8.82	107	242454	45.797	ng		98
22) Acetophenone	8.87	105	282941	36.958	ng	#	99
24) Nitrobenzene	9.26	77	224817	38.800	ng		98
25) Isophorone	9.77	82	430405	40.321	ng		98
26) 2-Nitrophenol	9.97	139	100117	43.603	ng		99
27) 2,4-Dimethylphenol	10.02	122	190699	44.860	ng		98
28) bis(2-Chloroethoxy)methane	10.26	93	253630	38.715	ng		98
29) 2,4-Dichlorophenol	10.50	162	209774	45.027	ng		95
30) 1,2,4-Trichlorobenzene	10.72	180	201393	36.952	ng		98
31) Naphthalene	10.91	128	579106	39.736	ng		99
32) Benzoic acid	10.16	122	93842	31.476	ng		97
33) 4-Chloroaniline	11.01	127	180532	27.032	ng		98
34) Hexachlorobutadiene	11.19	225	135098	36.894	ng		99
35) Caprolactam	11.80	113	74425	40.102	ng	#	78
36) 4-Chloro-3-methylphenol	12.12	107	231039	42.679	ng		99
37) 2-Methylnaphthalene	12.51	142	463478	43.463	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	275672	37.960	ng		99
40) Hexachlorocyclopentadiene	12.85	237	299484	79.260	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	184223	41.644	ng	93
43) 2,4,5-Trichlorophenol	13.18	196	193979	41.111	ng	98
45) 1,1'-Biphenyl	13.51	154	614076	36.050	ng	98
46) 2-Chloronaphthalene	13.56	162	472766	36.355	ng	98
47) 2-Nitroaniline	13.75	65	164956	40.396	ng	98
48) Acenaphthylene	14.40	152	799014	39.315	ng	99
49) Dimethylphthalate	14.13	163	643086	38.378	ng	99
50) 2,6-Dinitrotoluene	14.25	165	140891	40.861	ng	91
51) Acenaphthene	14.75	154	480938	36.950	ng	98
52) 3-Nitroaniline	14.58	138	117591	31.647	ng	97
53) 2,4-Dinitrophenol	14.78	184	87910	67.310	ng	97
54) Dibenzofuran	15.07	168	757367	37.141	ng	100
55) 4-Nitrophenol	14.88	139	188249	61.963	ng	100
56) 2,4-Dinitrotoluene	15.03	165	193019	42.952	ng	90
57) Fluorene	15.72	166	601676	39.470	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.30	232	187587	42.315	ng	96
59) Diethylphthalate	15.49	149	621683	36.814	ng	99
60) 4-Chlorophenyl-phenylether	15.71	204	351038	37.293	ng	97
61) 4-Nitroaniline	15.74	138	133982	34.458	ng	99
62) Azobenzene	16.01	77	608074	35.390	ng	98
64) 4,6-Dinitro-2-methylphenol	15.80	198	89574	42.488	ng	95
65) n-Nitrosodiphenylamine	15.93	169	541050	37.941	ng	98
66) 4-Bromophenyl-phenylether	16.61	248	223191	39.721	ng	98
67) Hexachlorobenzene	16.73	284	225792	39.298	ng	100
68) Atrazine	16.87	200	210656	39.356	ng	98
69) Pentachlorophenol	17.07	266	243329	62.313	ng	98
70) Phenanthrene	17.47	178	948230	38.883	ng	98
71) Anthracene	17.55	178	961956	39.572	ng	99
72) Carbazole	17.82	167	798149	32.876	ng	99
73) Di-n-butylphthalate	18.38	149	917532	33.940	ng	99
74) Fluoranthene	19.46	202	1067250	35.895	ng	99
76) Benzidine	19.65	184	396798	27.793	ng	99
77) Pyrene	19.83	202	1047027	38.049	ng	99
79) Butylbenzylphthalate	20.71	149	412545	37.671	ng	97
80) Benzo(a)anthracene	21.67	228	1057074	38.993	ng	99
81) 3,3'-Dichlorobenzidine	21.58	252	294554	27.263	ng	98
82) Chrysene	21.73	228	985932	38.369	ng	100
83) Bis(2-ethylhexyl)phthalate	21.57	149	567846	37.054	ng	97
84) Di-n-octyl phthalate	22.78	149	958768	37.456	ng	97
85) Indeno(1,2,3-cd)pyrene	28.53	276	1018126	34.113	ng	97
87) Benzo(b)fluoranthene	23.88	252	1021896	42.345	ng	96
88) Benzo(k)fluoranthene	23.94	252	1010796	42.873	ng	99
89) Benzo(a)pyrene	24.74	252	985102	42.480	ng	100
90) Dibenzo(a,h)anthracene	28.59	278	797900	35.641	ng	99
91) Benzo(g,h,i)perylene	29.67	276	859369	38.199	ng	98

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

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