Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091018\
Data File : BG036652.D
Acq On : 11 Sep 2018 8:38
Operator : JU/SJ
Sample : PB112716BSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB112716BSD

Quant Time: Sep 11 11:11:56 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	8.06	152	61228	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	265513	20.00	ng		0.00
38) Acenaphthene-d10	14.68	164	176661	20.00	ng		0.00
63) Phenanthrene-d10	17.42	188	425613	20.00	ng		0.00
75) Chrysene-d12	21.69	240	416170	20.00	ng		0.00
86) Perylene-d12	24.90	264	428634	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	392093	101.58	ng		0.00
7) Phenol-d6	7.22	99	557748	100.93	ng		0.00
23) Nitrobenzene-d5	9.22	82	491117	100.36	ng		0.00
41) 2,4,6-Tribromophenol	16.17	330	228823	108.55	ng		0.00
44) 2-Fluorobiphenyl	13.30	172	1155501	93.39	ng		0.00
78) Terphenyl-d14	20.03	244	1757277	98.69	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	51936	28.832	ng		96
3) Pyridine	3.93	79	169002	33.424	ng		93
4) n-Nitrosodimethylamine	3.84	42	89920	39.928	ng		91
6) Aniline	7.37	93	259016	36.925	ng		98
8) 2-Chlorophenol	7.62	128	200183	47.825	ng		99
9) Benzaldehyde	7.19	77	106139	27.891	ng		97
10) Phenol	7.24	94	284753	49.238	ng		99
11) bis(2-Chloroethyl)ether	7.47	93	190615	41.575	ng		99
12) 1,3-Dichlorobenzene	7.94	146	193601	40.506	ng		99
13) 1,4-Dichlorobenzene	8.09	146	194119	40.228	ng		98
14) 1,2-Dichlorobenzene	8.41	146	191874	41.635	ng		98
15) Benzyl Alcohol	8.29	79	203170	45.605	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.58	45	351969	38.066	ng		99
17) 2-Methylphenol	8.49	107	190572	49.627	ng		97
18) Hexachloroethane	9.14	117	71270	41.194	ng		93
19) n-Nitroso-di-n-propylamine	8.86	70	169767	41.104	ng		93
20) 3+4-Methylphenols	8.82	107	266928	49.788	ng		99
22) Acetophenone	8.87	105	311944	44.741	ng	#	99
24) Nitrobenzene	9.26	77	247493	46.901	ng		97
25) Isophorone	9.78	82	474645	48.825	ng		99
26) 2-Nitrophenol	9.97	139	114561	54.786	ng		98
27) 2,4-Dimethylphenol	10.02	122	210609	54.401	ng		97
28) bis(2-Chloroethoxy)methane	10.26	93	278085	46.609	ng		98
29) 2,4-Dichlorophenol	10.51	162	230795	54.396	ng		92
30) 1,2,4-Trichlorobenzene	10.72	180	224793	45.290	ng		99
31) Naphthalene	10.91	128	639900	48.212	ng		99
32) Benzoic acid	10.15	122	91569	33.405	ng		96
33) 4-Chloroaniline	11.01	127	188059	30.920	ng		97
34) Hexachlorobutadiene	11.19	225	150001	44.980	ng		99
35) Caprolactam	11.79	113	81041	47.948	ng	#	90
36) 4-Chloro-3-methylphenol	12.13	107	254493	51.621	ng		98
37) 2-Methylnaphthalene	12.51	142	512109	52.731	ng		99
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	291276	46.591	ng		98
40) Hexachlorocyclopentadiene	12.86	237	357826	110.005	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	199455	52.374	ng		98
43) 2,4,5-Trichlorophenol	13.19	196	213626	52.592	ng		98
45) 1,1'-Biphenyl	13.51	154	660616	45.049	ng		99
46) 2-Chloronaphthalene	13.56	162	513192	45.842	ng		99
47) 2-Nitroaniline	13.76	65	181000	51.488	ng		99
48) Acenaphthylene	14.40	152	862601	49.303	ng		100
49) Dimethylphthalate	14.13	163	693375	48.066	ng		98
50) 2,6-Dinitrotoluene	14.25	165	152216	51.280	ng		89
51) Acenaphthene	14.74	154	536164	47.850	ng		100
52) 3-Nitroaniline	14.58	138	127911	39.987	ng		95
53) 2,4-Dinitrophenol	14.78	184	64700	57.545	ng		95
54) Dibenzofuran	15.08	168	818073	46.601	ng		99
55) 4-Nitrophenol	14.88	139	212105	81.098	ng		99
56) 2,4-Dinitrotoluene	15.04	165	212007	54.801	ng		90
57) Fluorene	15.72	166	647027	49.304	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.30	232	211033	55.296	ng		94
59) Diethylphthalate	15.49	149	670209	46.101	ng		97
60) 4-Chlorophenyl-phenylether	15.72	204	379460	46.827	ng		97
61) 4-Nitroaniline	15.75	138	157869	47.163	ng		95
62) Azobenzene	16.01	77	658002	44.485	ng		97
64) 4,6-Dinitro-2-methylphenol	15.80	198	80912	43.277	ng		95
65) n-Nitrosodiphenylamine	15.93	169	591265	46.754	ng		99
66) 4-Bromophenyl-phenylether	16.61	248	251459	50.463	ng		98
67) Hexachlorobenzene	16.73	284	251663	49.391	ng		98
68) Atrazine	16.88	200	243803	51.361	ng		98
69) Pentachlorophenol	17.07	266	262171	75.707	ng		96
70) Phenanthrene	17.46	178	1060907	49.056	ng		98
71) Anthracene	17.56	178	1073229	49.783	ng		97
72) Carbazole	17.82	167	937496	43.544	ng		99
73) Di-n-butylphthalate	18.38	149	1052458	43.899	ng		99
74) Fluoranthene	19.47	202	1264111	47.942	ng		99
76) Benzidine	19.65	184	567822	42.765	ng		99
77) Pyrene	19.83	202	1241493	48.511	ng		98
79) Butylbenzylphthalate	20.72	149	497092	48.807	ng		93
80) Benzo(a)anthracene	21.67	228	1270016	50.373	ng		98
81) 3,3'-Dichlorobenzidine	21.58	252	344323	34.267	ng		99
82) Chrysene	21.73	228	1171589	49.025	ng		98
83) Bis(2-ethylhexyl)phthalate	21.58	149	670416	47.039	ng		99
84) Di-n-octyl phthalate	22.79	149	1130749	47.499	ng		97
85) Indeno(1,2,3-cd)pyrene	28.54	276	1234645	44.481	ng		99
87) Benzo(b)fluoranthene	23.88	252	1253122	52.648	ng		96
88) Benzo(k)fluoranthene	23.95	252	1190164	51.182	ng		98
89) Benzo(a)pyrene	24.75	252	1208933	52.856	ng		98
90) Dibenzo(a,h)anthracene	28.61	278	957085	43.345	ng	#	97
91) Benzo(g,h,i)perylene	29.69	276	998010	44.977	ng		97

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

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