Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112918\
Data File : BG038236.D
Acq On : 29 Nov 2018 17:03
Operator : JU/SJ
Sample : PB115157BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB115157BSD

Quant Time: Nov 29 17:42:35 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	34391	20.00	ng		0.00
21) Naphthalene-d8	10.91	136	154827	20.00	ng		0.00
39) Acenaphthene-d10	14.72	164	96215	20.00	ng		0.00
64) Phenanthrene-d10	17.47	188	226508	20.00	ng		0.00
76) Chrysene-d12	21.75	240	214804	20.00	ng		0.00
87) Perylene-d12	25.07	264	199823	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	308415	154.84	ng		0.00
7) Phenol-d6	7.23	99	411498	144.73	ng		0.00
23) Nitrobenzene-d5	9.26	82	201462	69.65	ng		0.00
42) 2,4,6-Tribromophenol	16.21	330	152025	138.54	ng		0.00
45) 2-Fluorobiphenyl	13.34	172	431341	65.31	ng		0.00
79) Terphenyl-d14	20.07	244	697447	76.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	33014	35.090	ng	#	93
3) Pyridine	3.91	79	91691	34.164	ng		93
4) n-Nitrosodimethylamine	3.84	42	53936	55.394	ng		92
6) Aniline	7.41	93	123913	33.767	ng		98
8) 2-Chlorophenol	7.65	128	114633	49.598	ng		98
9) Benzaldehyde	7.22	77	57180	27.809	ng		98
10) Phenol	7.26	94	149338	49.587	ng		98
11) bis(2-Chloroethyl)ether	7.50	93	107297	43.640	ng		99
12) 1,3-Dichlorobenzene	7.97	146	112370	42.203	ng		98
13) 1,4-Dichlorobenzene	8.12	146	115103	42.795	ng		97
14) 1,2-Dichlorobenzene	8.44	146	110270	42.942	ng		97
15) Benzyl Alcohol	8.32	79	105270	51.167	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.60	45	231767	50.765	ng		98
17) 2-Methylphenol	8.52	107	103644	50.902	ng		96
18) Hexachloroethane	9.16	117	42271	43.184	ng		99
19) n-Nitroso-di-n-propylamine	8.88	70	89554	43.529	ng		94
20) 3+4-Methylphenols	8.85	107	138890	48.118	ng		97
22) Acetophenone	8.91	105	167617	43.512	ng	#	96
24) Nitrobenzene	9.30	77	137691	46.537	ng		97
25) Isophorone	9.82	82	249328	47.893	ng		98
26) 2-Nitrophenol	10.01	139	65319	44.222	ng		88
27) 2,4-Dimethylphenol	10.05	122	118104	53.069	ng		99
28) bis(2-Chloroethoxy)methane	10.30	93	148656	44.656	ng		95
29) 2,4-Dichlorophenol	10.54	162	119630	47.790	ng		99
30) 1,2,4-Trichlorobenzene	10.76	180	121003	43.137	ng		99
31) Naphthalene	10.95	128	354947	46.610	ng		98
32) Benzoic acid	10.20	122	51123	38.842	ng		97
33) 4-Chloroaniline	11.06	127	93713	26.456	ng		96
34) Hexachlorobutadiene	11.21	225	73984	42.854	ng		97
35) Caprolactam	11.85	113	41747	41.665	ng	#	89
36) 4-Chloro-3-methylphenol	12.17	107	128710	47.064	ng		96
37) 2-Methylnaphthalene	12.55	142	260716	47.663	ng		98
38) 1-Methylnaphthalene	12.77	142	246325	46.783	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.91	216	135643	42.190	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	146738	85.234	ng		100
43) 2,4,6-Trichlorophenol	13.15	196	97965	44.715	ng		98
44) 2,4,5-Trichlorophenol	13.23	196	104134	45.174	ng		96
46) 1,1'-Biphenyl	13.56	154	329103	40.715	ng		100
47) 2-Chloronaphthalene	13.60	162	263639	42.742	ng		98
48) 2-Nitroaniline	13.81	65	94211	48.530	ng		99
49) Acenaphthylene	14.44	152	430386	46.400	ng		100
50) Dimethylphthalate	14.17	163	340680	44.664	ng		100
51) 2,6-Dinitrotoluene	14.30	165	76611	44.377	ng		94
52) Acenaphthene	14.78	154	247530	44.328	ng		99
53) 3-Nitroaniline	14.64	138	68528	35.974	ng	#	98
54) 2,4-Dinitrophenol	14.84	184	51059	57.725	ng	#	83
55) Dibenzofuran	15.12	168	402100	43.548	ng		99
56) 4-Nitrophenol	14.93	139	123731	84.216	ng		86
57) 2,4-Dinitrotoluene	15.08	165	110392	46.998	ng	#	94
58) Fluorene	15.77	166	324700	47.131	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.34	232	91056	47.206	ng		96
60) Diethylphthalate	15.52	149	355036	43.822	ng		99
61) 4-Chlorophenyl-phenylether	15.75	204	171059	42.434	ng		99
62) 4-Nitroaniline	15.80	138	86131	45.514	ng		91
63) Azobenzene	16.05	77	333572	46.049	ng		97
65) 4,6-Dinitro-2-methylphenol	15.84	198	53254	37.171	ng		92
66) n-Nitrosodiphenylamine	15.97	169	295152	43.072	ng		99
67) 4-Bromophenyl-phenylether	16.65	248	107289	43.155	ng		94
68) Hexachlorobenzene	16.76	284	110605	43.101	ng		95
69) Atrazine	16.91	200	111166	44.008	ng		99
70) Pentachlorophenol	17.11	266	122200	70.115	ng		95
71) Phenanthrene	17.51	178	543492	46.865	ng		99
72) Anthracene	17.60	178	554626	48.517	ng		99
73) Carbazole	17.87	167	506452	44.158	ng		100
74) Di-n-butylphthalate	18.41	149	616383	47.876	ng		98
75) Fluoranthene	19.51	202	655190	49.519	ng		99
77) Benzidine	19.70	184	201666	26.756	ng		99
78) Pyrene	19.88	202	651951	46.422	ng		99
80) Butylbenzylphthalate	20.75	149	286712	46.683	ng		99
81) Benzo(a)anthracene	21.73	228	613629	47.272	ng		100
82) 3,3'-Dichlorobenzidine	21.65	252	173467	34.306	ng		94
83) Chrysene	21.80	228	578921	46.613	ng		99
84) Bis(2-ethylhexyl)phthalate	21.60	149	404458	46.178	ng		99
85) Di-n-octyl phthalate	22.84	149	689602	48.667	ng		98
86) Indeno(1,2,3-cd)pyrene	28.88	276	571843	41.456	ng		97
88) Benzo(b)fluoranthene	24.01	252	599850	54.550	ng		99
89) Benzo(k)fluoranthene	24.08	252	589131	54.294	ng		99
90) Benzo(a)pyrene	24.91	252	585355	55.700	ng		98
91) Dibenzo(a,h)anthracene	28.94	278	466652	46.151	ng		99
92) Benzo(g,h,i)perylene	30.08	276	478766	47.619	ng		96

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

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