Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112018\
Data File : BG038095.D
Acq On : 20 Nov 2018 21:25
Operator : JU/SJ
Sample : PB114966BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB114966BS

Manual Integrations APPROVED
Sohil
11/21/2018 3:23:12 PM

Quant Time: Nov 21 04:03:09 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	38807	20.00	ng		0.00
21) Naphthalene-d8	10.90	136	161287	20.00	ng		0.00
39) Acenaphthene-d10	14.72	164	100834	20.00	ng		0.00
64) Phenanthrene-d10	17.47	188	238614	20.00	ng		0.00
76) Chrysene-d12	21.75	240	225920	20.00	ng		0.00
87) Perylene-d12	25.08	264	239559	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	332246	147.82	ng		0.00
7) Phenol-d6	7.24	99	445145	138.74	ng		0.00
23) Nitrobenzene-d5	9.27	82	208138	69.08	ng		0.00
42) 2,4,6-Tribromophenol	16.21	330	149776	130.24	ng		0.00
45) 2-Fluorobiphenyl	13.34	172	455116	65.76	ng		0.00
79) Terphenyl-d14	20.07	244	718462	74.83	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	42345	39.886	ng		98
3) Pyridine	3.92	79	115412	38.109	ng		98
4) n-Nitrosodimethylamine	3.84	42	56424	51.355	ng		97
6) Aniline	7.41	93	140411	33.909	ng		97
8) 2-Chlorophenol	7.65	128	124027	47.556	ng		96
9) Benzaldehyde	7.23	77	68569	29.553	ng		93
10) Phenol	7.26	94	158012	46.496	ng		95
11) bis(2-Chloroethyl)ether	7.50	93	118074	42.558	ng		97
12) 1,3-Dichlorobenzene	7.97	146	125788	41.867	ng		97
13) 1,4-Dichlorobenzene	8.12	146	129482	42.663	ng		99
14) 1,2-Dichlorobenzene	8.44	146	123467	42.610	ng		97
15) Benzyl Alcohol	8.33	79	107184	46.169	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.61	45	229894	44.625	ng		98
17) 2-Methylphenol	8.52	107	106772	46.471	ng		99
18) Hexachloroethane	9.17	117	47613	43.106	ng		98
19) n-Nitroso-di-n-propylamine	8.89	70	93118	40.111	ng		99
20) 3+4-Methylphenols	8.85	107	147059	45.151	ng		99
22) Acetophenone	8.92	105	176552	43.996	ng	#	100
24) Nitrobenzene	9.31	77	141286	45.840	ng		98
25) Isophorone	9.82	82	260542	48.043	ng		98
26) 2-Nitrophenol	10.02	139	68017	44.204	ng		96
27) 2,4-Dimethylphenol	10.06	122	123978	53.477	ng		98
28) bis(2-Chloroethoxy)methane	10.31	93	159128	45.887	ng		99
29) 2,4-Dichlorophenol	10.55	162	121983	46.778	ng		99
30) 1,2,4-Trichlorobenzene	10.76	180	127726	43.710	ng		99
31) Naphthalene	10.96	128	374797	47.246	ng		99
32) Benzoic acid	10.19	122	63985m	44.183	ng		
33) 4-Chloroaniline	11.07	127	96030	26.024	ng		98
34) Hexachlorobutadiene	11.22	225	76577	42.580	ng		97
35) Caprolactam	11.85	113	43173m	41.362	ng		
36) 4-Chloro-3-methylphenol	12.17	107	134306	47.143	ng		97
37) 2-Methylnaphthalene	12.56	142	273372	47.975	ng		99
38) 1-Methylnaphthalene	12.77	142	260048	47.411	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.91	216	140611	41.731	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	179069	99.249	ng		99
43) 2,4,6-Trichlorophenol	13.15	196	101666	44.279	ng		99
44) 2,4,5-Trichlorophenol	13.23	196	112510	46.571	ng		96
46) 1,1'-Biphenyl	13.55	154	347085	40.972	ng		99
47) 2-Chloronaphthalene	13.60	162	276137	42.718	ng		99
48) 2-Nitroaniline	13.81	65	93375	45.896	ng		94
49) Acenaphthylene	14.45	152	456450	46.956	ng		100
50) Dimethylphthalate	14.17	163	351988	44.032	ng		98
51) 2,6-Dinitrotoluene	14.30	165	80168	44.311	ng		96
52) Acenaphthene	14.79	154	265488	45.366	ng		99
53) 3-Nitroaniline	14.64	138	66689	33.405	ng	#	96
54) 2,4-Dinitrophenol	14.84	184	72903	75.281	ng		94
55) Dibenzofuran	15.12	168	428135	44.244	ng		99
56) 4-Nitrophenol	14.93	139	136274	88.505	ng		92
57) 2,4-Dinitrotoluene	15.09	165	113927	46.281	ng		97
58) Fluorene	15.77	166	340939	47.221	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.34	232	94737	46.864	ng		97
60) Diethylphthalate	15.52	149	367097	43.235	ng		99
61) 4-Chlorophenyl-phenylether	15.75	204	175912	41.639	ng		99
62) 4-Nitroaniline	15.80	138	90056	45.408	ng		96
63) Azobenzene	16.05	77	342387	45.101	ng		98
65) 4,6-Dinitro-2-methylphenol	15.85	198	59256	39.262	ng		99
66) n-Nitrosodiphenylamine	15.97	169	306936	42.519	ng		99
67) 4-Bromophenyl-phenylether	16.65	248	109541	41.825	ng		98
68) Hexachlorobenzene	16.76	284	111916	41.399	ng		100
69) Atrazine	16.92	200	116064	43.615	ng		99
70) Pentachlorophenol	17.11	266	128442	69.957	ng		98
71) Phenanthrene	17.51	178	569215	46.593	ng		99
72) Anthracene	17.60	178	581778	48.311	ng		99
73) Carbazole	17.88	167	531067	43.955	ng		98
74) Di-n-butylphthalate	18.41	149	637438	46.999	ng		99
75) Fluoranthene	19.52	202	686029	49.219	ng		99
77) Benzidine	19.70	184	316643	39.943	ng		98
78) Pyrene	19.88	202	680586	46.076	ng		99
80) Butylbenzylphthalate	20.75	149	296770	45.943	ng		97
81) Benzo(a)anthracene	21.73	228	647872	47.454	ng		99
82) 3,3'-Dichlorobenzidine	21.65	252	167343	31.466	ng		99
83) Chrysene	21.80	228	604010	46.240	ng		98
84) Bis(2-ethylhexyl)phthalate	21.60	149	417532	45.325	ng		100
85) Di-n-octyl phthalate	22.84	149	721252	48.396	ng		100
86) Indeno(1,2,3-cd)pyrene	28.88	276	704146	48.536	ng		99
88) Benzo(b)fluoranthene	24.01	252	654190	49.624	ng		97
89) Benzo(k)fluoranthene	24.08	252	618252	47.527	ng		98
90) Benzo(a)pyrene	24.92	252	628345	49.874	ng		99
91) Dibenzo(a,h)anthracene	28.95	278	581230	47.947	ng		97
92) Benzo(g,h,i)perylene	30.09	276	581129	48.213	ng		98

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

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