Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110518\
Data File : BG037800.D
Acq On : 5 Nov 2018 13:14
Operator : JU/SJ
Sample : PB114322BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB114322BSD

Quant Time: Nov 05 15:54:38 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 05 13:45:11 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	51973	20.00	ng		0.00
21) Naphthalene-d8	10.92	136	237068	20.00	ng		0.00
39) Acenaphthene-d10	14.73	164	155520	20.00	ng		0.00
64) Phenanthrene-d10	17.48	188	352559	20.00	ng		0.00
76) Chrysene-d12	21.76	240	318534	20.00	ng		0.00
87) Perylene-d12	25.09	264	315520	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	510697	164.28	ng		0.00
7) Phenol-d6	7.24	99	724475	154.12	ng		0.00
23) Nitrobenzene-d5	9.27	82	332028	78.46	ng		0.00
42) 2,4,6-Tribromophenol	16.22	330	268245	158.14	ng		0.00
45) 2-Fluorobiphenyl	13.35	172	831104	80.59	ng		0.00
79) Terphenyl-d14	20.07	244	1166307	78.24	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	62373	39.564	ng		95
3) Pyridine	3.92	79	137233	34.537	ng		94
4) n-Nitrosodimethylamine	3.85	42	58181	41.109	ng		89
6) Aniline	7.42	93	184006	32.087	ng		97
8) 2-Chlorophenol	7.65	128	159608	43.888	ng		98
9) Benzaldehyde	7.24	77	110363	37.532	ng		91
10) Phenol	7.27	94	210907	42.523	ng		98
11) bis(2-Chloroethyl)ether	7.51	93	145921	38.737	ng		94
12) 1,3-Dichlorobenzene	7.98	146	163960	40.497	ng		98
13) 1,4-Dichlorobenzene	8.13	146	166213	40.135	ng		97
14) 1,2-Dichlorobenzene	8.45	146	160328	40.245	ng		97
15) Benzyl Alcohol	8.33	79	140055	40.323	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.62	45	257359	38.183	ng		97
17) 2-Methylphenol	8.53	107	145078	44.245	ng		99
18) Hexachloroethane	9.17	117	57567	40.773	ng		93
19) n-Nitroso-di-n-propylamine	8.90	70	119165	36.813	ng		93
20) 3+4-Methylphenols	8.86	107	201234	42.924	ng		99
22) Acetophenone	8.92	105	235110	39.544	ng	#	97
24) Nitrobenzene	9.32	77	178385	40.576	ng		93
25) Isophorone	9.83	82	341617	44.180	ng		98
26) 2-Nitrophenol	10.03	139	88171	44.519	ng		96
27) 2,4-Dimethylphenol	10.07	122	170669	48.264	ng		98
28) bis(2-Chloroethoxy)methane	10.31	93	209819	41.416	ng		96
29) 2,4-Dichlorophenol	10.56	162	170911	43.409	ng		97
30) 1,2,4-Trichlorobenzene	10.77	180	176399	41.199	ng		94
31) Naphthalene	10.97	128	516328	44.342	ng		100
32) Benzoic acid	10.19	122	80003	34.833	ng		93
33) 4-Chloroaniline	11.08	127	141871	25.931	ng		96
34) Hexachlorobutadiene	11.23	225	102964	40.575	ng		99
35) Caprolactam	11.87	113	60630	38.396	ng		91
36) 4-Chloro-3-methylphenol	12.18	107	183862	41.408	ng		97
37) 2-Methylnaphthalene	12.56	142	392104	46.194	ng		99
38) 1-Methylnaphthalene	12.78	142	373938	45.363	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.92	216	210676	41.998	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.89	237	251653	105.022	ng		98
43) 2,4,6-Trichlorophenol	13.16	196	145156	43.313	ng		99
44) 2,4,5-Trichlorophenol	13.23	196	155601	42.644	ng		97
46) 1,1'-Biphenyl	13.56	154	504424	39.164	ng		99
47) 2-Chloronaphthalene	13.61	162	403521	41.412	ng		98
48) 2-Nitroaniline	13.82	65	123227	41.703	ng		89
49) Acenaphthylene	14.46	152	661614	45.137	ng		99
50) Dimethylphthalate	14.18	163	496331	41.253	ng		100
51) 2,6-Dinitrotoluene	14.31	165	111723	41.976	ng		93
52) Acenaphthene	14.79	154	381642	42.277	ng		98
53) 3-Nitroaniline	14.64	138	97407	32.967	ng	#	96
54) 2,4-Dinitrophenol	14.84	184	67849	65.406	ng		99
55) Dibenzofuran	15.13	168	617640	41.296	ng		99
56) 4-Nitrophenol	14.94	139	229919	105.126	ng		97
57) 2,4-Dinitrotoluene	15.09	165	156413	44.769	ng		95
58) Fluorene	15.77	166	498142	44.476	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.34	232	137073	43.875	ng		98
60) Diethylphthalate	15.53	149	511490	41.410	ng		100
61) 4-Chlorophenyl-phenylether	15.76	204	263282	40.330	ng		98
62) 4-Nitroaniline	15.81	138	121880	41.512	ng		89
63) Azobenzene	16.05	77	477287	40.499	ng		98
65) 4,6-Dinitro-2-methylphenol	15.85	198	69921	39.603	ng		98
66) n-Nitrosodiphenylamine	15.98	169	446640	42.116	ng		97
67) 4-Bromophenyl-phenylether	16.66	248	162534	41.980	ng		97
68) Hexachlorobenzene	16.77	284	166426	41.475	ng		96
69) Atrazine	16.92	200	162604	42.408	ng		99
70) Pentachlorophenol	17.12	266	170568	63.460	ng		98
71) Phenanthrene	17.52	178	789858	44.081	ng		99
72) Anthracene	17.61	178	806148	45.845	ng		98
73) Carbazole	17.88	167	710922	40.418	ng		99
74) Di-n-butylphthalate	18.42	149	831759	42.509	ng		99
75) Fluoranthene	19.52	202	891578	43.871	ng		99
77) Benzidine	19.71	184	388466	35.866	ng		99
78) Pyrene	19.89	202	890872	42.783	ng		100
80) Butylbenzylphthalate	20.76	149	367152	43.083	ng		97
81) Benzo(a)anthracene	21.74	228	834340	44.283	ng		99
82) 3,3'-Dichlorobenzidine	21.65	252	234002	32.042	ng		99
83) Chrysene	21.81	228	784401	43.297	ng		99
84) Bis(2-ethylhexyl)phthalate	21.61	149	524006	43.867	ng		98
85) Di-n-octyl phthalate	22.85	149	874475	44.893	ng		96
86) Indeno(1,2,3-cd)pyrene	28.90	276	712189	36.651	ng	#	93
88) Benzo(b)fluoranthene	24.02	252	786386	45.461	ng		98
89) Benzo(k)fluoranthene	24.09	252	792827	46.782	ng		100
90) Benzo(a)pyrene	24.93	252	767305	46.681	ng		98
91) Dibenzo(a,h)anthracene	28.98	278	541508	35.715	ng		100
92) Benzo(g,h,i)perylene	30.11	276	597732	38.967	ng		98

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

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