Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103118\
Data File : BG037712.D
Acq On : 1 Nov 2018 10:38
Operator : JU/SJ
Sample : PB114346BS
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB114346BS

Quant Time: Nov 01 11:24:34 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 18 14:06:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	49043	20.00	ng		0.00
21) Naphthalene-d8	10.92	136	234894	20.00	ng		0.00
39) Acenaphthene-d10	14.74	164	160931	20.00	ng		0.00
64) Phenanthrene-d10	17.48	188	395232	20.00	ng		0.00
76) Chrysene-d12	21.77	240	355125	20.00	ng		0.00
87) Perylene-d12	25.10	264	361774	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	424053	144.56	ng		0.00
7) Phenol-d6	7.24	99	604193	136.21	ng		0.00
23) Nitrobenzene-d5	9.28	82	315283	75.19	ng		0.00
42) 2,4,6-Tribromophenol	16.22	330	222731	126.89	ng		0.00
45) 2-Fluorobiphenyl	13.35	172	770192	72.17	ng		-0.01
79) Terphenyl-d14	20.08	244	988124	59.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	46124	31.005	ng		94
3) Pyridine	3.92	79	126891	33.842	ng		97
4) n-Nitrosodimethylamine	3.85	42	58429	43.750	ng		94
6) Aniline	7.43	93	173361	32.037	ng		97
8) 2-Chlorophenol	7.66	128	153625	44.766	ng		99
9) Benzaldehyde	7.24	77	70264	25.323	ng		97
10) Phenol	7.27	94	206401	44.101	ng		98
11) bis(2-Chloroethyl)ether	7.52	93	139843	39.341	ng		98
12) 1,3-Dichlorobenzene	7.98	146	145920	38.195	ng		99
13) 1,4-Dichlorobenzene	8.14	146	149309	38.207	ng		99
14) 1,2-Dichlorobenzene	8.45	146	142471	37.899	ng		97
15) Benzyl Alcohol	8.34	79	137002	41.800	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.62	45	251412	39.529	ng		97
17) 2-Methylphenol	8.53	107	142228	45.967	ng		100
18) Hexachloroethane	9.18	117	53323	40.024	ng		98
19) n-Nitroso-di-n-propylamine	8.91	70	115826	37.920	ng		95
20) 3+4-Methylphenols	8.86	107	195431	44.177	ng		99
22) Acetophenone	8.93	105	222453	37.761	ng	#	98
24) Nitrobenzene	9.32	77	174292	40.012	ng		97
25) Isophorone	9.83	82	331866	43.316	ng		96
26) 2-Nitrophenol	10.03	139	86534	44.097	ng		97
27) 2,4-Dimethylphenol	10.07	122	166044	47.391	ng		95
28) bis(2-Chloroethoxy)methane	10.32	93	206478	41.134	ng		98
29) 2,4-Dichlorophenol	10.56	162	167829	43.021	ng		97
30) 1,2,4-Trichlorobenzene	10.77	180	158418	37.342	ng		96
31) Naphthalene	10.97	128	474295	41.109	ng		100
32) Benzoic acid	10.19	122	91880	40.374	ng		98
33) 4-Chloroaniline	11.08	127	139106	25.661	ng		99
34) Hexachlorobutadiene	11.23	225	89466	35.583	ng		97
35) Caprolactam	11.87	113	63751	40.746	ng		98
36) 4-Chloro-3-methylphenol	12.19	107	187080	42.523	ng		98
37) 2-Methylnaphthalene	12.57	142	363535	43.225	ng		98
38) 1-Methylnaphthalene	12.79	142	345732	42.330	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	184450	35.533	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	213878	86.256	ng		96
43) 2,4,6-Trichlorophenol	13.17	196	142863	41.195	ng		98
44) 2,4,5-Trichlorophenol	13.24	196	155410	41.160	ng		99
46) 1,1'-Biphenyl	13.57	154	480521	36.054	ng		99
47) 2-Chloronaphthalene	13.62	162	379018	37.589	ng		97
48) 2-Nitroaniline	13.82	65	128102	41.895	ng		95
49) Acenaphthylene	14.46	152	625163	41.217	ng		98
50) Dimethylphthalate	14.18	163	499597	40.129	ng		100
51) 2,6-Dinitrotoluene	14.31	165	114331	41.512	ng		95
52) Acenaphthene	14.80	154	363573	38.921	ng		98
53) 3-Nitroaniline	14.65	138	101707	33.265	ng	#	96
54) 2,4-Dinitrophenol	14.85	184	49291	52.557	ng		91
55) Dibenzofuran	15.13	168	596492	38.541	ng		99
56) 4-Nitrophenol	14.94	139	181631	80.255	ng		95
57) 2,4-Dinitrotoluene	15.10	165	160272	44.331	ng		95
58) Fluorene	15.78	166	483410	41.709	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.35	232	138179	42.742	ng		99
60) Diethylphthalate	15.54	149	514822	40.278	ng		100
61) 4-Chlorophenyl-phenylether	15.76	204	253120	37.469	ng		99
62) 4-Nitroaniline	15.81	138	124153	40.865	ng		92
63) Azobenzene	16.06	77	492599	40.393	ng		99
65) 4,6-Dinitro-2-methylphenol	15.85	198	59575	32.141	ng		95
66) n-Nitrosodiphenylamine	15.99	169	447309	37.625	ng		99
67) 4-Bromophenyl-phenylether	16.66	248	158497	36.518	ng		97
68) Hexachlorobenzene	16.77	284	160744	35.734	ng		100
69) Atrazine	16.93	200	171475	39.893	ng		99
70) Pentachlorophenol	17.12	266	176497	58.576	ng		97
71) Phenanthrene	17.53	178	808182	40.234	ng		99
72) Anthracene	17.61	178	824580	41.830	ng		100
73) Carbazole	17.88	167	745298	37.797	ng		100
74) Di-n-butylphthalate	18.42	149	899537	41.009	ng		99
75) Fluoranthene	19.53	202	937541	41.152	ng		99
77) Benzidine	19.71	184	331410	27.446	ng		99
78) Pyrene	19.89	202	934994	40.275	ng		100
80) Butylbenzylphthalate	20.76	149	403401	42.459	ng		97
81) Benzo(a)anthracene	21.74	228	878008	41.799	ng		98
82) 3,3'-Dichlorobenzidine	21.66	252	242601	29.797	ng		98
83) Chrysene	21.81	228	823513	40.772	ng		99
84) Bis(2-ethylhexyl)phthalate	21.62	149	568926	42.720	ng		98
85) Di-n-octyl phthalate	22.86	149	956506	44.045	ng		98
86) Indeno(1,2,3-cd)pyrene	28.91	276	790330	36.482	ng		97
88) Benzo(b)fluoranthene	24.03	252	840764	42.390	ng		98
89) Benzo(k)fluoranthene	24.10	252	830025	42.715	ng		97
90) Benzo(a)pyrene	24.94	252	833399	44.220	ng		99
91) Dibenzo(a,h)anthracene	28.99	278	627827	36.114	ng		98
92) Benzo(g,h,i)perylene	30.12	276	629514	35.792	ng		99

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

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