Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102618\
Data File : BG037595.D
Acq On : 27 Oct 2018 00:22
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Quant Time: Oct 27 00:58:16 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	8.11	152	59450	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	272813	20.00	ng		0.00
39) Acenaphthene-d10	14.74	164	179157	20.00	ng		0.00
64) Phenanthrene-d10	17.48	188	417649	20.00	ng		0.00
76) Chrysene-d12	21.77	240	373178	20.00	ng		0.00
87) Perylene-d12	25.10	264	388071	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	296550	83.40	ng		0.00
7) Phenol-d6	7.25	99	433068	80.54	ng		0.00
23) Nitrobenzene-d5	9.28	82	395881	81.29	ng		0.00
42) 2,4,6-Tribromophenol	16.23	330	161089	82.44	ng		0.00
45) 2-Fluorobiphenyl	13.36	172	918605	77.32	ng		0.00
79) Terphenyl-d14	20.08	244	1377604	78.88	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	77734	43.106	ng		93
3) Pyridine	3.93	79	181006	39.824	ng		94
4) n-Nitrosodimethylamine	3.85	42	70152	43.333	ng	#	98
6) Aniline	7.43	93	262113	39.959	ng		97
8) 2-Chlorophenol	7.66	128	164643	39.578	ng		98
9) Benzaldehyde	7.24	77	123180	36.622	ng		95
10) Phenol	7.27	94	227315	40.067	ng		99
11) bis(2-Chloroethyl)ether	7.52	93	171030	39.692	ng		94
12) 1,3-Dichlorobenzene	7.99	146	186682	40.310	ng		100
13) 1,4-Dichlorobenzene	8.14	146	186552	39.380	ng		97
14) 1,2-Dichlorobenzene	8.46	146	180160	39.536	ng		97
15) Benzyl Alcohol	8.34	79	156332	39.348	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.62	45	307219	39.848	ng		97
17) 2-Methylphenol	8.53	107	147976	39.453	ng		97
18) Hexachloroethane	9.19	117	65627	40.636	ng		94
19) n-Nitroso-di-n-propylamine	8.91	70	144212	38.948	ng		97
20) 3+4-Methylphenols	8.86	107	213015	39.723	ng		98
22) Acetophenone	8.93	105	264310	38.630	ng	#	98
24) Nitrobenzene	9.32	77	206698	40.856	ng		95
25) Isophorone	9.84	82	352437	39.607	ng		98
26) 2-Nitrophenol	10.03	139	100881	44.263	ng		97
27) 2,4-Dimethylphenol	10.07	122	159718	39.249	ng		99
28) bis(2-Chloroethoxy)methane	10.32	93	227163	38.964	ng		96
29) 2,4-Dichlorophenol	10.56	162	181638	40.089	ng		99
30) 1,2,4-Trichlorobenzene	10.78	180	193540	39.280	ng		99
31) Naphthalene	10.97	128	524577	39.148	ng		99
32) Benzoic acid	10.20	122	121366	45.918	ng		96
33) 4-Chloroaniline	11.08	127	245931	39.061	ng		97
34) Hexachlorobutadiene	11.24	225	114233	39.118	ng		99
35) Caprolactam	11.88	113	75018	41.283	ng		94
36) 4-Chloro-3-methylphenol	12.19	107	206141	40.343	ng		99
37) 2-Methylnaphthalene	12.57	142	384345	39.348	ng		99
38) 1-Methylnaphthalene	12.79	142	368017	38.795	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	226069	39.120	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	106663	38.641	ng		99
43) 2,4,6-Trichlorophenol	13.17	196	158753	41.120	ng		99
44) 2,4,5-Trichlorophenol	13.24	196	168422	40.068	ng		97
46) 1,1'-Biphenyl	13.57	154	573568	38.657	ng		98
47) 2-Chloronaphthalene	13.62	162	434993	38.752	ng		100
48) 2-Nitroaniline	13.83	65	141797	41.656	ng		94
49) Acenaphthylene	14.46	152	671545	39.770	ng		99
50) Dimethylphthalate	14.19	163	548405	39.568	ng		99
51) 2,6-Dinitrotoluene	14.32	165	127735	41.661	ng		94
52) Acenaphthene	14.80	154	405295	38.973	ng		99
53) 3-Nitroaniline	14.65	138	139891	41.099	ng	#	96
54) 2,4-Dinitrophenol	14.85	184	39990	43.108	ng		96
55) Dibenzofuran	15.13	168	669226	38.841	ng		99
56) 4-Nitrophenol	14.94	139	100148	39.749	ng		95
57) 2,4-Dinitrotoluene	15.10	165	173884	43.204	ng		98
58) Fluorene	15.78	166	505124	39.149	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.35	232	143574	39.893	ng		99
60) Diethylphthalate	15.54	149	567481	39.881	ng		99
61) 4-Chlorophenyl-phenylether	15.77	204	293117	38.976	ng		98
62) 4-Nitroaniline	15.81	138	139224	41.163	ng		93
63) Azobenzene	16.06	77	533653	39.307	ng		99
65) 4,6-Dinitro-2-methylphenol	15.85	198	87301	41.281	ng		97
66) n-Nitrosodiphenylamine	15.98	169	494416	39.355	ng		99
67) 4-Bromophenyl-phenylether	16.67	248	178695	38.961	ng		99
68) Hexachlorobenzene	16.78	284	184956	38.910	ng		99
69) Atrazine	16.92	200	178074	39.205	ng		99
70) Pentachlorophenol	17.12	266	127148	39.933	ng		94
71) Phenanthrene	17.53	178	826351	38.931	ng		99
72) Anthracene	17.62	178	823301	39.524	ng		98
73) Carbazole	17.89	167	828295	39.752	ng		100
74) Di-n-butylphthalate	18.42	149	944068	40.729	ng		100
75) Fluoranthene	19.53	202	946572	39.318	ng		98
77) Benzidine	19.72	184	372791	29.379	ng		99
78) Pyrene	19.89	202	967688	39.667	ng		100
80) Butylbenzylphthalate	20.77	149	419173	41.985	ng		96
81) Benzo(a)anthracene	21.75	228	877739	39.765	ng		99
82) 3,3'-Dichlorobenzidine	21.66	252	341334	39.896	ng		98
83) Chrysene	21.82	228	845108	39.817	ng		100
84) Bis(2-ethylhexyl)phthalate	21.62	149	591244	42.248	ng		97
85) Di-n-octyl phthalate	22.87	149	973964	42.679	ng		98
86) Indeno(1,2,3-cd)pyrene	28.93	276	904323	39.724	ng		98
88) Benzo(b)fluoranthene	24.03	252	846410	39.783	ng		97
89) Benzo(k)fluoranthene	24.11	252	843741	40.478	ng		98
90) Benzo(a)pyrene	24.94	252	818782	40.500	ng		97
91) Dibenzo(a,h)anthracene	29.00	278	718897	38.550	ng		98
92) Benzo(g,h,i)perylene	30.14	276	714704	37.882	ng		99

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

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