Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101818\
Data File : BG037420.D
Acq On : 18 Oct 2018 15:23
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Oct 19 06:57:01 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	57596	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	259795	20.00	ng		0.00
39) Acenaphthene-d10	14.74	164	169149	20.00	ng		0.00
64) Phenanthrene-d10	17.49	188	406521	20.00	ng		0.00
76) Chrysene-d12	21.77	240	373856	20.00	ng		0.00
87) Perylene-d12	25.11	264	396978	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	271167	78.71	ng		0.00
7) Phenol-d6	7.25	99	405260	77.80	ng		0.00
23) Nitrobenzene-d5	9.28	82	372539	80.33	ng		0.00
42) 2,4,6-Tribromophenol	16.23	330	155792	84.45	ng		0.00
45) 2-Fluorobiphenyl	13.37	172	878174	78.29	ng		0.00
79) Terphenyl-d14	20.09	244	1390069	79.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	69717	39.905	ng		95
3) Pyridine	3.94	79	174337	39.591	ng		94
4) n-Nitrosodimethylamine	3.86	42	64908	41.384	ng	#	96
6) Aniline	7.43	93	246753	38.828	ng		99
8) 2-Chlorophenol	7.67	128	155837	38.667	ng		99
9) Benzaldehyde	7.25	77	126637	38.862	ng		97
10) Phenol	7.27	94	208834	37.995	ng		98
11) bis(2-Chloroethyl)ether	7.53	93	164823	39.483	ng		98
12) 1,3-Dichlorobenzene	8.00	146	171660	38.260	ng		96
13) 1,4-Dichlorobenzene	8.14	146	176665	38.494	ng		98
14) 1,2-Dichlorobenzene	8.46	146	166003	37.602	ng		99
15) Benzyl Alcohol	8.35	79	149707	38.893	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.63	45	292491	39.158	ng		96
17) 2-Methylphenol	8.54	107	141468	38.932	ng		98
18) Hexachloroethane	9.19	117	61266	39.157	ng		93
19) n-Nitroso-di-n-propylamine	8.92	70	139920	39.005	ng		94
20) 3+4-Methylphenols	8.87	107	199461	38.393	ng		96
22) Acetophenone	8.94	105	257141	39.466	ng		96
24) Nitrobenzene	9.33	77	193663	40.197	ng		93
25) Isophorone	9.85	82	339859	40.107	ng		96
26) 2-Nitrophenol	10.04	139	88798	40.914	ng		96
27) 2,4-Dimethylphenol	10.08	122	153093	39.506	ng		94
28) bis(2-Chloroethoxy)methane	10.33	93	221233	39.849	ng		97
29) 2,4-Dichlorophenol	10.56	162	168505	39.054	ng		99
30) 1,2,4-Trichlorobenzene	10.79	180	182625	38.922	ng		98
31) Naphthalene	10.98	128	498759	39.086	ng		99
32) Benzoic acid	10.20	122	119345	47.416	ng		94
33) 4-Chloroaniline	11.09	127	238730	39.817	ng		95
34) Hexachlorobutadiene	11.25	225	110499	39.735	ng		97
35) Caprolactam	11.88	113	70639	40.821	ng		97
36) 4-Chloro-3-methylphenol	12.19	107	192427	39.546	ng		99
37) 2-Methylnaphthalene	12.58	142	363772	39.107	ng		100
38) 1-Methylnaphthalene	12.80	142	354377	39.229	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	216038	39.597	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.91	237	104949	40.269	ng		98
43) 2,4,6-Trichlorophenol	13.17	196	147197	40.383	ng		97
44) 2,4,5-Trichlorophenol	13.24	196	156992	39.558	ng		94
46) 1,1'-Biphenyl	13.58	154	552618	39.449	ng		99
47) 2-Chloronaphthalene	13.63	162	414905	39.149	ng		99
48) 2-Nitroaniline	13.83	65	132909	41.355	ng		94
49) Acenaphthylene	14.47	152	637594	39.994	ng		100
50) Dimethylphthalate	14.19	163	531490	40.616	ng		99
51) 2,6-Dinitrotoluene	14.32	165	118888	41.069	ng		97
52) Acenaphthene	14.81	154	384564	39.168	ng		98
53) 3-Nitroaniline	14.65	138	135973	42.311	ng	#	99
54) 2,4-Dinitrophenol	14.85	184	36042	41.865	ng		99
55) Dibenzofuran	15.14	168	638735	39.265	ng		100
56) 4-Nitrophenol	14.94	139	99593	41.868	ng		100
57) 2,4-Dinitrotoluene	15.10	165	164647	43.329	ng		98
58) Fluorene	15.79	166	480462	39.441	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.36	232	139611	41.087	ng		99
60) Diethylphthalate	15.55	149	542215	40.360	ng		99
61) 4-Chlorophenyl-phenylether	15.78	204	282590	39.800	ng		98
62) 4-Nitroaniline	15.82	138	137517	43.064	ng		92
63) Azobenzene	16.07	77	508960	39.707	ng		98
65) 4,6-Dinitro-2-methylphenol	15.86	198	79848	39.304	ng		96
66) n-Nitrosodiphenylamine	15.99	169	473400	38.714	ng		99
67) 4-Bromophenyl-phenylether	16.67	248	175220	39.249	ng		98
68) Hexachlorobenzene	16.78	284	179396	38.773	ng		97
69) Atrazine	16.93	200	180470	40.820	ng		98
70) Pentachlorophenol	17.13	266	128525	41.471	ng		98
71) Phenanthrene	17.53	178	819971	39.687	ng		100
72) Anthracene	17.62	178	809079	39.904	ng		98
73) Carbazole	17.89	167	824537	40.654	ng		100
74) Di-n-butylphthalate	18.43	149	935702	41.473	ng		100
75) Fluoranthene	19.54	202	955517	40.776	ng		99
77) Benzidine	19.72	184	517578	40.715	ng		98
78) Pyrene	19.90	202	971655	39.758	ng		99
80) Butylbenzylphthalate	20.77	149	421355	42.127	ng		96
81) Benzo(a)anthracene	21.75	228	889652	40.232	ng		99
82) 3,3'-Dichlorobenzidine	21.67	252	350835	40.932	ng		98
83) Chrysene	21.82	228	855504	40.234	ng		99
84) Bis(2-ethylhexyl)phthalate	21.63	149	585899	41.790	ng		99
85) Di-n-octyl phthalate	22.88	149	967475	42.318	ng		98
86) Indeno(1,2,3-cd)pyrene	28.94	276	927850	40.684	ng		99
88) Benzo(b)fluoranthene	24.04	252	856930	39.374	ng		99
89) Benzo(k)fluoranthene	24.11	252	847905	39.765	ng		99
90) Benzo(a)pyrene	24.95	252	820414	39.671	ng		99
91) Dibenzo(a,h)anthracene	29.02	278	760947	39.890	ng		98
92) Benzo(g,h,i)perylene	30.15	276	757258	39.237	ng		99

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

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