Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103118\
Data File : BG037701.D
Acq On : 1 Nov 2018 3:27
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Nov 01 04:02:43 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	52864	20.00	ng		0.00
21) Naphthalene-d8	10.92	136	243702	20.00	ng		0.00
39) Acenaphthene-d10	14.73	164	158577	20.00	ng		0.00
64) Phenanthrene-d10	17.48	188	378526	20.00	ng		0.00
76) Chrysene-d12	21.77	240	339581	20.00	ng		0.00
87) Perylene-d12	25.10	264	354225	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	260926	82.52	ng		0.00
7) Phenol-d6	7.24	99	395653	82.75	ng		0.00
23) Nitrobenzene-d5	9.28	82	368096	84.61	ng		0.00
42) 2,4,6-Tribromophenol	16.23	330	146514	84.71	ng		0.00
45) 2-Fluorobiphenyl	13.36	172	853354	81.15	ng		0.00
79) Terphenyl-d14	20.08	244	1299246	81.75	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	65368	40.765	ng		96
3) Pyridine	3.93	79	166052	41.085	ng		92
4) n-Nitrosodimethylamine	3.85	42	59825	41.558	ng	#	93
6) Aniline	7.42	93	238630	40.911	ng		96
8) 2-Chlorophenol	7.66	128	149908	40.526	ng		97
9) Benzaldehyde	7.24	77	111766	37.368	ng		97
10) Phenol	7.27	94	206656	40.964	ng		97
11) bis(2-Chloroethyl)ether	7.52	93	156918	40.954	ng		96
12) 1,3-Dichlorobenzene	7.99	146	165051	40.080	ng		98
13) 1,4-Dichlorobenzene	8.14	146	167581	39.783	ng		98
14) 1,2-Dichlorobenzene	8.45	146	158837	39.199	ng		98
15) Benzyl Alcohol	8.34	79	142412	40.310	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.62	45	281491	41.059	ng		97
17) 2-Methylphenol	8.53	107	136897	41.046	ng		99
18) Hexachloroethane	9.18	117	58857	40.984	ng		97
19) n-Nitroso-di-n-propylamine	8.91	70	131417	39.914	ng		92
20) 3+4-Methylphenols	8.86	107	195021	40.898	ng		99
22) Acetophenone	8.93	105	240952	39.423	ng		98
24) Nitrobenzene	9.32	77	186490	41.265	ng		96
25) Isophorone	9.83	82	321522	40.449	ng		97
26) 2-Nitrophenol	10.03	139	92876	45.618	ng		98
27) 2,4-Dimethylphenol	10.07	122	145995	40.162	ng		97
28) bis(2-Chloroethoxy)methane	10.32	93	210856	40.488	ng		97
29) 2,4-Dichlorophenol	10.56	162	168182	41.553	ng		98
30) 1,2,4-Trichlorobenzene	10.78	180	178330	40.517	ng		98
31) Naphthalene	10.97	128	484084	40.441	ng		99
32) Benzoic acid	10.19	122	107896	45.698	ng		94
33) 4-Chloroaniline	11.09	127	233888	41.586	ng		98
34) Hexachlorobutadiene	11.24	225	102874	39.436	ng		98
35) Caprolactam	11.87	113	67981	41.880	ng		95
36) 4-Chloro-3-methylphenol	12.18	107	191501	41.954	ng		97
37) 2-Methylnaphthalene	12.57	142	350083	40.121	ng		100
38) 1-Methylnaphthalene	12.79	142	341015	40.243	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	207191	40.507	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.89	237	96743	39.595	ng		98
43) 2,4,6-Trichlorophenol	13.17	196	145299	42.520	ng		99
44) 2,4,5-Trichlorophenol	13.24	196	156326	42.017	ng		95
46) 1,1'-Biphenyl	13.57	154	532691	40.562	ng		100
47) 2-Chloronaphthalene	13.62	162	407222	40.986	ng		99
48) 2-Nitroaniline	13.82	65	132394	43.941	ng		98
49) Acenaphthylene	14.46	152	614760	41.132	ng		100
50) Dimethylphthalate	14.18	163	505899	41.238	ng		99
51) 2,6-Dinitrotoluene	14.32	165	116644	42.980	ng		93
52) Acenaphthene	14.80	154	370970	40.302	ng		99
53) 3-Nitroaniline	14.65	138	130006	43.151	ng	#	99
54) 2,4-Dinitrophenol	14.85	184	25721	35.249	ng		95
55) Dibenzofuran	15.13	168	611089	40.070	ng		99
56) 4-Nitrophenol	14.93	139	88474	39.673	ng		95
57) 2,4-Dinitrotoluene	15.10	165	161946	45.459	ng		95
58) Fluorene	15.78	166	466830	40.877	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.35	232	131633	41.322	ng		99
60) Diethylphthalate	15.54	149	522700	41.501	ng		99
61) 4-Chlorophenyl-phenylether	15.77	204	276019	41.466	ng		95
62) 4-Nitroaniline	15.81	138	128649	42.973	ng		96
63) Azobenzene	16.06	77	493082	41.032	ng		99
65) 4,6-Dinitro-2-methylphenol	15.86	198	71609	38.169	ng		97
66) n-Nitrosodiphenylamine	15.99	169	461015	40.489	ng		99
67) 4-Bromophenyl-phenylether	16.66	248	166884	40.147	ng		96
68) Hexachlorobenzene	16.77	284	171197	39.738	ng		98
69) Atrazine	16.93	200	163019	39.600	ng		98
70) Pentachlorophenol	17.12	266	108810	37.706	ng		96
71) Phenanthrene	17.52	178	773906	40.228	ng		100
72) Anthracene	17.61	178	768270	40.694	ng		98
73) Carbazole	17.89	167	776592	41.122	ng		99
74) Di-n-butylphthalate	18.42	149	890413	42.385	ng		99
75) Fluoranthene	19.53	202	884802	40.551	ng		99
77) Benzidine	19.71	184	392558	33.998	ng		99
78) Pyrene	19.89	202	902668	40.663	ng		100
80) Butylbenzylphthalate	20.76	149	400129	44.042	ng		97
81) Benzo(a)anthracene	21.74	228	825743	41.111	ng		99
82) 3,3'-Dichlorobenzidine	21.66	252	315447	40.518	ng		98
83) Chrysene	21.81	228	797377	41.285	ng		99
84) Bis(2-ethylhexyl)phthalate	21.62	149	565527	44.408	ng		98
85) Di-n-octyl phthalate	22.86	149	929535	44.762	ng		98
86) Indeno(1,2,3-cd)pyrene	28.92	276	696849	33.639	ng		98
88) Benzo(b)fluoranthene	24.03	252	769112	39.604	ng		99
89) Benzo(k)fluoranthene	24.11	252	817026	42.942	ng		99
90) Benzo(a)pyrene	24.94	252	743959	40.315	ng		99
91) Dibenzo(a,h)anthracene	28.99	278	538894	31.659	ng	#	97
92) Benzo(g,h,i)perylene	30.12	276	551782	32.041	ng		95

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

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