Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120318\
Data File : BG038305.D
Acq On : 3 Dec 2018 18:22
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Dec 04 05:02:40 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 16:39:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	24968	20.00	ng		0.00
21) Naphthalene-d8	10.90	136	102036	20.00	ng		0.00
39) Acenaphthene-d10	14.71	164	65208	20.00	ng		0.00
64) Phenanthrene-d10	17.46	188	192523	20.00	ng		0.00
76) Chrysene-d12	21.75	240	216694	20.00	ng		0.00
87) Perylene-d12	25.06	264	228088	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	115789	80.07	ng		-0.02
7) Phenol-d6	7.23	99	154450	74.82	ng		0.00
23) Nitrobenzene-d5	9.25	82	155950	81.81	ng		0.00
42) 2,4,6-Tribromophenol	16.20	330	73399	98.70	ng		0.00
45) 2-Fluorobiphenyl	13.33	172	342407	76.50	ng		-0.02
79) Terphenyl-d14	20.06	244	746355	81.04	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	23456	34.340	ng		87
3) Pyridine	3.91	79	71111	36.496	ng		94
4) n-Nitrosodimethylamine	3.84	42	31608	44.714	ng		92
6) Aniline	7.40	93	98200	36.859	ng		98
8) 2-Chlorophenol	7.64	128	65521	39.048	ng		96
9) Benzaldehyde	7.22	77	47882	32.075	ng		98
10) Phenol	7.25	94	81371	37.216	ng		91
11) bis(2-Chloroethyl)ether	7.50	93	66715	37.375	ng		99
12) 1,3-Dichlorobenzene	7.97	146	75307	38.958	ng		98
13) 1,4-Dichlorobenzene	8.11	146	77195	39.533	ng		98
14) 1,2-Dichlorobenzene	8.43	146	72290	38.776	ng		99
15) Benzyl Alcohol	8.31	79	59175	39.617	ng		90
16) 2,2'-oxybis(1-Chloropropan	8.59	45	144890	43.713	ng		96
17) 2-Methylphenol	8.51	107	55564	37.588	ng		97
18) Hexachloroethane	9.16	117	29413	41.388	ng		90
19) n-Nitroso-di-n-propylamine	8.88	70	54142	36.248	ng		96
20) 3+4-Methylphenols	8.84	107	78257	37.344	ng		96
22) Acetophenone	8.91	105	97897	38.562	ng	#	93
24) Nitrobenzene	9.30	77	79582	40.813	ng		96
25) Isophorone	9.81	82	129243	37.671	ng		99
26) 2-Nitrophenol	10.01	139	37183	38.197	ng		90
27) 2,4-Dimethylphenol	10.05	122	56952	38.831	ng		97
28) bis(2-Chloroethoxy)methane	10.29	93	82204	37.470	ng		97
29) 2,4-Dichlorophenol	10.53	162	63654	38.585	ng		98
30) 1,2,4-Trichlorobenzene	10.75	180	73266	39.632	ng		95
31) Naphthalene	10.95	128	197718	39.397	ng		99
32) Benzoic acid	10.18	122	30026	35.958	ng		97
33) 4-Chloroaniline	11.06	127	87099	37.310	ng		96
34) Hexachlorobutadiene	11.21	225	46739	41.080	ng		95
35) Caprolactam	11.84	113	29271	44.328	ng		97
36) 4-Chloro-3-methylphenol	12.17	107	71761	39.816	ng		96
37) 2-Methylnaphthalene	12.54	142	136537	37.875	ng		98
38) 1-Methylnaphthalene	12.76	142	133695	38.529	ng		96
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	85369	39.179	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	46629	39.964	ng		98
43) 2,4,6-Trichlorophenol	13.15	196	56436	38.009	ng		99
44) 2,4,5-Trichlorophenol	13.22	196	60649	38.820	ng		94
46) 1,1'-Biphenyl	13.55	154	207942	37.958	ng		99
47) 2-Chloronaphthalene	13.60	162	157625	37.706	ng		99
48) 2-Nitroaniline	13.81	65	58743	44.649	ng		97
49) Acenaphthylene	14.44	152	245747	39.092	ng		98
50) Dimethylphthalate	14.16	163	220912	42.734	ng		99
51) 2,6-Dinitrotoluene	14.29	165	51574	44.080	ng		95
52) Acenaphthene	14.78	154	148913	39.348	ng		97
53) 3-Nitroaniline	14.63	138	59621	46.180	ng	#	96
54) 2,4-Dinitrophenol	14.83	184	29772	50.961	ng		91
55) Dibenzofuran	15.11	168	253147	40.453	ng		99
56) 4-Nitrophenol	14.92	139	50740	50.958	ng		83
57) 2,4-Dinitrotoluene	15.08	165	80457	50.542	ng		98
58) Fluorene	15.76	166	196474	42.080	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.33	232	59589	45.582	ng		98
60) Diethylphthalate	15.52	149	251215	45.752	ng		99
61) 4-Chlorophenyl-phenylether	15.75	204	113380	41.500	ng		99
62) 4-Nitroaniline	15.79	138	67922	52.959	ng		91
63) Azobenzene	16.04	77	219405	44.691	ng		94
65) 4,6-Dinitro-2-methylphenol	15.83	198	53181	43.673	ng		91
66) n-Nitrosodiphenylamine	15.96	169	202746	34.810	ng		99
67) 4-Bromophenyl-phenylether	16.64	248	77530	36.690	ng		97
68) Hexachlorobenzene	16.76	284	85060	38.998	ng		96
69) Atrazine	16.90	200	90237	42.028	ng		95
70) Pentachlorophenol	17.10	266	61397	41.446	ng		95
71) Phenanthrene	17.50	178	391400	39.708	ng		100
72) Anthracene	17.60	178	394131	40.564	ng		100
73) Carbazole	17.87	167	434883	44.611	ng		97
74) Di-n-butylphthalate	18.40	149	500956	45.779	ng		99
75) Fluoranthene	19.51	202	532804	47.377	ng		97
77) Benzidine	19.69	184	271646	35.726	ng		100
78) Pyrene	19.88	202	543838	38.386	ng		99
80) Butylbenzylphthalate	20.75	149	246316	39.756	ng		98
81) Benzo(a)anthracene	21.73	228	524952	40.088	ng		100
82) 3,3'-Dichlorobenzidine	21.64	252	200091	39.226	ng		100
83) Chrysene	21.80	228	492199	39.284	ng		98
84) Bis(2-ethylhexyl)phthalate	21.59	149	342985	38.818	ng		99
85) Di-n-octyl phthalate	22.83	149	569835	39.864	ng		97
86) Indeno(1,2,3-cd)pyrene	28.87	276	550324	39.548	ng	#	94
88) Benzo(b)fluoranthene	24.00	252	503581	40.120	ng		100
89) Benzo(k)fluoranthene	24.07	252	494884	39.957	ng		99
90) Benzo(a)pyrene	24.91	252	481817	40.167	ng	#	97
91) Dibenzo(a,h)anthracene	28.92	278	448665	38.873	ng		98
92) Benzo(g,h,i)perylene	30.06	276	454695	39.621	ng		98

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

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