Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031918\
Data File : BG033235.D
Acq On : 19 Mar 2018 11:10
Operator : SJ/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICCC040

Quant Time: Mar 19 11:56:03 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 19 11:53:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.90	152	33125	20.00	ng		0.00
21) Naphthalene-d8	11.78	136	153251	20.00	ng		0.00
38) Acenaphthene-d10	15.51	164	118351	20.00	ng		0.00
63) Phenanthrene-d10	18.24	188	298983	20.00	ng		0.00
75) Chrysene-d12	22.60	240	297539	20.00	ng		0.00
86) Perylene-d12	26.39	264	310436	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.31	112	153250	74.02	ng		0.00
7) Phenol-d6	8.00	99	250983	86.97	ng		0.00
23) Nitrobenzene-d5	10.10	82	274928	148.18	ng		0.00
41) 2,4,6-Tribromophenol	16.98	330	146790	117.96	ng		0.00
44) 2-Fluorobiphenyl	14.14	172	667565	81.35	ng		0.00
78) Terphenyl-d14	20.76	244	1118092	84.43	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.95	88	35517	39.525	ng		89
3) Pyridine	4.42	79	109608	44.256	ng		95
4) n-Nitrosodimethylamine	4.32	42	41116	41.407	ng	#	89
6) Aniline	8.19	93	154357	39.513	ng	#	96
8) 2-Chlorophenol	8.44	128	87756	38.723	ng		98
9) Benzaldehyde	7.99	77	75501	45.392	ng		94
10) Phenol	8.02	94	126499	43.482	ng		86
11) bis(2-Chloroethyl)ether	8.28	93	106591	44.807	ng		95
12) 1,3-Dichlorobenzene	8.78	146	107661	40.559	ng		96
13) 1,4-Dichlorobenzene	8.93	146	105889	39.631	ng		97
14) 1,2-Dichlorobenzene	9.26	146	108182	42.252	ng		99
15) Benzyl Alcohol	9.13	79	102590	48.354	ng		93
16) 2,2'-oxybis(1-Chloropropan	9.42	45	163038	39.867	ng		88
17) 2-Methylphenol	9.33	107	83763	39.045	ng	#	89
18) Hexachloroethane	10.02	117	41228	45.319	ng		92
19) n-Nitroso-di-n-propylamine	9.70	70	97194	47.704	ng		94
20) 3+4-Methylphenols	9.66	107	125285	42.002	ng		87
22) Acetophenone	9.74	105	180771	46.707	ng	#	99
24) Nitrobenzene	10.14	77	147913	66.807	ng		94
25) Isophorone	10.66	82	267776	49.782	ng		100
26) 2-Nitrophenol	10.87	139	58642	73.973	ng	#	84
27) 2,4-Dimethylphenol	10.90	122	77297	33.079	ng		91
28) bis(2-Chloroethoxy)methane	11.14	93	134275	42.850	ng		97
29) 2,4-Dichlorophenol	11.41	162	101479	47.850	ng		98
30) 1,2,4-Trichlorobenzene	11.63	180	127543	51.304	ng		99
31) Naphthalene	11.83	128	323314	40.374	ng		100
32) Benzoic acid	11.03	122	65261	48.992	ng		93
33) 4-Chloroaniline	11.93	127	148895	41.584	ng	#	92
34) Hexachlorobutadiene	12.09	225	93329	66.929	ng		92
35) Caprolactam	12.67	113	39472	46.482	ng		95
36) 4-Chloro-3-methylphenol	12.99	107	135578	54.935	ng		94
37) 2-Methylnaphthalene	13.38	142	244033	42.121	ng		92
39) 1,2,4,5-Tetrachlorobenzene	13.73	216	172913	49.217	ng		99
40) Hexachlorocyclopentadiene	13.71	237	104018	58.094	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.96	196	105614	47.668	ng		97
43) 2,4,5-Trichlorophenol	14.03	196	129004	50.308	ng		97
45) 1,1'-Biphenyl	14.35	154	370863	35.860	ng		97
46) 2-Chloronaphthalene	14.41	162	287497	37.214	ng		96
47) 2-Nitroaniline	14.60	65	110647	66.268	ng		95
48) Acenaphthylene	15.24	152	475482	37.593	ng		100
49) Dimethylphthalate	14.94	163	418247	41.620	ng		99
50) 2,6-Dinitrotoluene	15.07	165	89575	61.958	ng		95
51) Acenaphthene	15.57	154	311641	39.563	ng		96
52) 3-Nitroaniline	15.41	138	91285	50.017	ng	#	93
53) 2,4-Dinitrophenol	15.60	184	38797	93.588	ng		89
54) Dibenzofuran	15.90	168	451496	40.254	ng		93
55) 4-Nitrophenol	15.69	139	65111	47.148	ng		91
56) 2,4-Dinitrotoluene	15.84	165	127202	73.298	ng		94
57) Fluorene	16.55	166	378886	40.928	ng		99
58) 2,3,4,6-Tetrachlorophenol	16.12	232	116872	58.703	ng		95
59) Diethylphthalate	16.27	149	403605	38.079	ng		96
60) 4-Chlorophenyl-phenylether	16.52	204	216382	47.781	ng		99
61) 4-Nitroaniline	16.56	138	91982	46.218	ng		84
62) Azobenzene	16.81	77	395170	41.675	ng		99
64) 4,6-Dinitro-2-methylphenol	16.60	198	76033	94.598	ng		94
65) n-Nitrosodiphenylamine	16.73	169	347858	35.765	ng		96
66) 4-Bromophenyl-phenylether	17.41	248	143917	45.523	ng		96
67) Hexachlorobenzene	17.54	284	149323	43.707	ng		97
68) Atrazine	17.65	200	142374	44.470	ng		96
69) Pentachlorophenol	17.88	266	103740	48.208	ng		97
70) Phenanthrene	18.28	178	631832	37.879	ng		99
71) Anthracene	18.38	178	639797	38.206	ng		99
72) Carbazole	18.63	167	572114	34.661	ng		99
73) Di-n-butylphthalate	19.12	149	667799	32.978	ng	#	98
74) Fluoranthene	20.24	202	782098	42.446	ng		98
76) Benzidine	20.40	184	353391	34.844	ng		97
77) Pyrene	20.60	202	804278	38.331	ng		100
79) Butylbenzylphthalate	21.45	149	298565	32.093	ng		95
80) Benzo(a)anthracene	22.58	228	760695	39.869	ng		98
81) 3,3'-Dichlorobenzidine	22.46	252	284227	40.222	ng		99
82) Chrysene	22.65	228	736338	40.401	ng		98
83) Bis(2-ethylhexyl)phthalate	22.40	149	412710	29.970	ng		99
84) Di-n-octyl phthalate	23.80	149	640576	30.518	ng		99
85) Indeno(1,2,3-cd)pyrene	30.80	276	813032	38.250	ng	#	89
87) Benzo(b)fluoranthene	25.17	252	729172	39.726	ng	#	95
88) Benzo(k)fluoranthene	25.25	252	737596	40.434	ng	#	97
89) Benzo(a)pyrene	26.21	252	702475	40.237	ng	#	95
90) Dibenzo(a,h)anthracene	30.88	278	681057	38.756	ng		96
91) Benzo(g,h,i)perylene	32.20	276	662362	38.236	ng	#	94

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

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