Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012018\
Data File : BG032197.D
Acq On : 21 Jan 2018 2:49
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Jan 22 05:59:50 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 18 10:13:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.74	152	44285	20.00	ng		0.00
21) Naphthalene-d8	11.63	136	172947	20.00	ng		0.00
38) Acenaphthene-d10	15.38	164	114496	20.00	ng		0.00
63) Phenanthrene-d10	18.11	188	296067	20.00	ng		0.00
75) Chrysene-d12	22.45	240	401155	20.00	ng		0.00
86) Perylene-d12	26.15	264	437576	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.18	112	194442	80.30	ng		0.00
7) Phenol-d6	7.86	99	237706	77.95	ng		0.00
23) Nitrobenzene-d5	9.94	82	211572	82.76	ng		0.00
41) 2,4,6-Tribromophenol	16.85	330	157429	83.09	ng		0.00
44) 2-Fluorobiphenyl	14.01	172	723584	78.36	ng		0.00
78) Terphenyl-d14	20.65	244	1309716	72.09	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.84	88	33693	36.220	ng	#	74
3) Pyridine	4.29	79	90053	36.267	ng	#	84
4) n-Nitrosodimethylamine	4.20	42	39628	45.428	ng	#	85
6) Aniline	8.04	93	141848	36.877	ng		97
8) 2-Chlorophenol	8.29	128	105998	39.121	ng	#	80
9) Benzaldehyde	7.84	77	62388	35.309	ng		87
10) Phenol	7.88	94	114316	38.054	ng		93
11) bis(2-Chloroethyl)ether	8.13	93	87749	36.460	ng	#	81
12) 1,3-Dichlorobenzene	8.63	146	138027	38.923	ng		94
13) 1,4-Dichlorobenzene	8.78	146	138695	38.844	ng		97
14) 1,2-Dichlorobenzene	9.11	146	131763	38.154	ng		94
15) Benzyl Alcohol	8.98	79	89883	40.572	ng		96
16) 2,2'-oxybis(1-Chloropropan	9.27	45	83664	34.206	ng		78
17) 2-Methylphenol	9.18	107	84943	37.000	ng		96
18) Hexachloroethane	9.86	117	45547	41.507	ng	#	77
19) n-Nitroso-di-n-propylamine	9.55	70	69390	36.673	ng	#	94
20) 3+4-Methylphenols	9.51	107	116128	36.514	ng		90
22) Acetophenone	9.58	105	154054	39.215	ng	#	92
24) Nitrobenzene	9.98	77	105368	41.323	ng	#	85
25) Isophorone	10.51	82	176215	37.020	ng	#	84
26) 2-Nitrophenol	10.71	139	63324	41.912	ng	#	84
27) 2,4-Dimethylphenol	10.75	122	90118	37.586	ng		94
28) bis(2-Chloroethoxy)methane	10.99	93	103853	36.212	ng		96
29) 2,4-Dichlorophenol	11.25	162	118911	40.306	ng		95
30) 1,2,4-Trichlorobenzene	11.48	180	160632	42.159	ng		96
31) Naphthalene	11.68	128	329082	38.411	ng		98
32) Benzoic acid	10.88	122	63294	34.560	ng		88
33) 4-Chloroaniline	11.77	127	137853	37.522	ng		95
34) Hexachlorobutadiene	11.94	225	121827	44.517	ng		97
35) Caprolactam	12.52	113	33692	37.644	ng	#	47
36) 4-Chloro-3-methylphenol	12.84	107	109402	40.513	ng		87
37) 2-Methylnaphthalene	13.24	142	259898	38.210	ng		92
39) 1,2,4,5-Tetrachlorobenzene	13.60	216	213642	42.807	ng	#	95
40) Hexachlorocyclopentadiene	13.57	237	113780	40.476	ng		88

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.82	196	115199	41.080 ng		99
43) 2,4,5-Trichlorophenol	13.90	196	137230	42.278 ng	#	88
45) 1,1'-Biphenyl	14.21	154	375459	38.252 ng		97
46) 2-Chloronaphthalene	14.27	162	298740	39.124 ng		94
47) 2-Nitroaniline	14.46	65	65240	44.630 ng	#	76
48) Acenaphthylene	15.11	152	443881	38.174 ng		98
49) Dimethylphthalate	14.81	163	383324	38.258 ng	#	99
50) 2,6-Dinitrotoluene	14.94	165	84540	40.651 ng	#	74
51) Acenaphthene	15.45	154	304063	39.546 ng		96
52) 3-Nitroaniline	15.27	138	78216	41.641 ng	#	76
53) 2,4-Dinitrophenol	15.46	184	42632	44.272 ng	#	75
54) Dibenzofuran	15.77	168	442404	38.571 ng		99
55) 4-Nitrophenol	15.55	139	59335	43.346 ng	#	80
56) 2,4-Dinitrotoluene	15.72	165	120415	43.007 ng	#	67
57) Fluorene	16.42	166	365941	38.901 ng		98
58) 2,3,4,6-Tetrachlorophenol	15.98	232	125613	41.833 ng	#	85
59) Diethylphthalate	16.15	149	373988	38.503 ng		97
60) 4-Chlorophenyl-phenylether	16.39	204	230765	39.990 ng		94
61) 4-Nitroaniline	16.42	138	83752	46.482 ng		88
62) Azobenzene	16.69	77	236101	38.835 ng		88
64) 4,6-Dinitro-2-methylphenol	16.47	198	73076	39.522 ng	#	68
65) n-Nitrosodiphenylamine	16.60	169	337070	37.519 ng		98
66) 4-Bromophenyl-phenylether	17.29	248	162828	38.654 ng		95
67) Hexachlorobenzene	17.41	284	173606	37.251 ng	#	90
68) Atrazine	17.53	200	149158	39.479 ng		97
69) Pentachlorophenol	17.75	266	117430	39.420 ng		98
70) Phenanthrene	18.16	178	630111	38.226 ng		98
71) Anthracene	18.24	178	639417	38.892 ng		97
72) Carbazole	18.50	167	586070	41.093 ng		99
73) Di-n-butylphthalate	19.01	149	655083	38.871 ng		99
74) Fluoranthene	20.12	202	863099	41.820 ng		95
76) Benzidine	20.28	184	286519	28.562 ng		98
77) Pyrene	20.48	202	893876	35.446 ng		99
79) Butylbenzylphthalate	21.33	149	318826	35.286 ng	#	78
80) Benzo(a)anthracene	22.43	228	967848	38.795 ng		100
81) 3,3'-Dichlorobenzidine	22.32	252	382537	41.047 ng	#	97
82) Chrysene	22.50	228	925853	38.643 ng		98
83) Bis(2-ethylhexyl)phthalate	22.27	149	454327	34.290 ng	#	98
84) Di-n-octyl phthalate	23.65	149	725091	34.457 ng	#	89
85) Indeno(1,2,3-cd)pyrene	30.45	276	1209285	41.243 ng	#	87
87) Benzo(b)fluoranthene	24.96	252	1024243	38.725 ng	#	95
88) Benzo(k)fluoranthene	25.04	252	1006144	38.930 ng	#	97
89) Benzo(a)pyrene	25.98	252	983222	39.298 ng	#	96
90) Dibenzo(a,h)anthracene	30.52	278	998908	41.431 ng	#	95
91) Benzo(g,h,i)perylene	31.79	276	998514	40.520 ng	#	91

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

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