Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122817\
Data File : BG031823.D
Acq On : 28 Dec 2017 13:12
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Dec 28 14:17:47 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 22 11:08:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.81	152	48901	20.00	ng		-0.03
21) Naphthalene-d8	11.69	136	208086	20.00	ng		-0.03
38) Acenaphthene-d10	15.43	164	145397	20.00	ng		-0.03
63) Phenanthrene-d10	18.17	188	367876	20.00	ng		-0.04
75) Chrysene-d12	22.51	240	420005	20.00	ng		-0.06
86) Perylene-d12	26.26	264	459573	20.00	ng		-0.10
System Monitoring Compounds							
5) 2-Fluorophenol	6.23	112	208453	77.64	ng		-0.02
7) Phenol-d6	7.91	99	279803	80.27	ng		-0.02
23) Nitrobenzene-d5	10.00	82	236133	85.69	ng		-0.03
41) 2,4,6-Tribromophenol	16.91	330	197185	88.88	ng		-0.03
44) 2-Fluorobiphenyl	14.06	172	893133	77.10	ng		-0.03
78) Terphenyl-d14	20.70	244	1381955	75.17	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	3.88	88	38553	38.737	ng	#	68
3) Pyridine	4.33	79	108611	40.827	ng	#	76
4) n-Nitrosodimethylamine	4.24	42	40658	37.874	ng	#	75
6) Aniline	8.09	93	176706	39.401	ng		91
8) 2-Chlorophenol	8.35	128	124243	39.894	ng	#	82
9) Benzaldehyde	7.91	77	75848	36.136	ng		85
10) Phenol	7.94	94	138791	39.438	ng		88
11) bis(2-Chloroethyl)ether	8.19	93	109384	37.425	ng	#	81
12) 1,3-Dichlorobenzene	8.69	146	152864	39.526	ng	#	92
13) 1,4-Dichlorobenzene	8.84	146	152534	38.609	ng		95
14) 1,2-Dichlorobenzene	9.18	146	146164	39.045	ng		95
15) Benzyl Alcohol	9.04	79	105745	40.411	ng		92
16) 2,2'-oxybis(1-Chloropropan	9.33	45	81864	34.395	ng		79
17) 2-Methylphenol	9.23	107	100207	39.795	ng		96
18) Hexachloroethane	9.93	117	46667	39.001	ng	#	80
19) n-Nitroso-di-n-propylamine	9.62	70	90694	38.097	ng	#	84
20) 3+4-Methylphenols	9.57	107	141906	39.651	ng		95
22) Acetophenone	9.65	105	185329	38.335	ng	#	87
24) Nitrobenzene	10.05	77	115355	40.617	ng	#	83
25) Isophorone	10.57	82	224717	37.881	ng	#	83
26) 2-Nitrophenol	10.77	139	73278	49.210	ng	#	85
27) 2,4-Dimethylphenol	10.81	122	121072	38.638	ng		89
28) bis(2-Chloroethoxy)methane	11.05	93	147238	36.990	ng	#	96
29) 2,4-Dichlorophenol	11.31	162	149425	40.620	ng		91
30) 1,2,4-Trichlorobenzene	11.54	180	176031	39.191	ng		97
31) Naphthalene	11.74	128	413562	39.381	ng		98
32) Benzoic acid	10.92	122	80053	38.933	ng	#	80
33) 4-Chloroaniline	11.83	127	181308	38.779	ng	#	92
34) Hexachlorobutadiene	12.01	225	124524	40.383	ng		97
35) Caprolactam	12.58	113	45714	40.997	ng	#	48
36) 4-Chloro-3-methylphenol	12.90	107	138753	40.841	ng	#	86
37) 2-Methylnaphthalene	13.30	142	336924	39.576	ng		93
39) 1,2,4,5-Tetrachlorobenzene	13.65	216	237809	38.831	ng	#	95
40) Hexachlorocyclopentadiene	13.63	237	129953	40.223	ng		91

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.88	196	141580	40.097 ng		96
43) 2,4,5-Trichlorophenol	13.95	196	157311	40.201 ng	#	92
45) 1,1'-Biphenyl	14.28	154	482247	38.834 ng		94
46) 2-Chloronaphthalene	14.33	162	363478	38.373 ng		96
47) 2-Nitroaniline	14.51	65	75262	46.006 ng	#	59
48) Acenaphthylene	15.16	152	584657	38.582 ng		99
49) Dimethylphthalate	14.86	163	495411	38.677 ng		99
50) 2,6-Dinitrotoluene	14.99	165	104314	44.269 ng	#	65
51) Acenaphthene	15.50	154	397695	40.072 ng		97
52) 3-Nitroaniline	15.32	138	100043	43.517 ng	#	70
53) 2,4-Dinitrophenol	15.52	184	49861	52.690 ng	#	1
54) Dibenzofuran	15.83	168	595084	39.116 ng		99
55) 4-Nitrophenol	15.59	139	74823	39.988 ng	#	74
56) 2,4-Dinitrotoluene	15.77	165	147343	48.629 ng	#	62
57) Fluorene	16.47	166	475317	38.460 ng		99
58) 2,3,4,6-Tetrachlorophenol	16.04	232	155966	40.852 ng	#	85
59) Diethylphthalate	16.21	149	473193	37.903 ng		96
60) 4-Chlorophenyl-phenylether	16.45	204	293813	38.854 ng		93
61) 4-Nitroaniline	16.47	138	100579	44.833 ng		81
62) Azobenzene	16.74	77	302869	37.828 ng		82
64) 4,6-Dinitro-2-methylphenol	16.52	198	76705	43.750 ng	#	66
65) n-Nitrosodiphenylamine	16.66	169	458057	37.490 ng		100
66) 4-Bromophenyl-phenylether	17.34	248	206925	38.898 ng		94
67) Hexachlorobenzene	17.47	284	218954	40.263 ng	#	91
68) Atrazine	17.58	200	183628	38.652 ng		99
69) Pentachlorophenol	17.80	266	150858	40.331 ng		98
70) Phenanthrene	18.21	178	784071	37.661 ng		98
71) Anthracene	18.30	178	797548	37.977 ng		98
72) Carbazole	18.55	167	703593	37.852 ng		100
73) Di-n-butylphthalate	19.06	149	782520	37.881 ng		99
74) Fluoranthene	20.17	202	981632	38.427 ng		96
76) Benzidine	20.33	184	597825	46.116 ng		97
77) Pyrene	20.53	202	999946	37.272 ng		99
79) Butylbenzylphthalate	21.39	149	349600	38.817 ng	#	77
80) Benzo(a)anthracene	22.50	228	1011161	37.847 ng		99
81) 3,3'-Dichlorobenzidine	22.38	252	409346	39.517 ng	#	98
82) Chrysene	22.57	228	950761	37.611 ng		99
83) Bis(2-ethylhexyl)phthalate	22.34	149	504707	38.680 ng	#	97
84) Di-n-octyl phthalate	23.74	149	860792	39.171 ng	#	87
85) Indeno(1,2,3-cd)pyrene	30.62	276	1292100	39.842 ng	#	89
87) Benzo(b)fluoranthene	25.06	252	1081762	37.920 ng	#	97
88) Benzo(k)fluoranthene	25.14	252	1081069	37.866 ng	#	97
89) Benzo(a)pyrene	26.09	252	1043810	38.205 ng	#	97
90) Dibenzo(a,h)anthracene	30.71	278	1089629	38.616 ng	#	95
91) Benzo(g,h,i)perylene	30.62	276	1292100	38.784 ng	#	93

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

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