Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122217\
Data File : BG031733.D
Acq On : 23 Dec 2017 4:48
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
12/26/2017 3:31:06 PM

Quant Time: Dec 25 04:39:11 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	8.83	152	48091	20.00	ng		-0.01
21) Naphthalene-d8	11.71	136	203550	20.00	ng		-0.01
38) Acenaphthene-d10	15.46	164	136243	20.00	ng		0.00
63) Phenanthrene-d10	18.19	188	335552	20.00	ng		-0.01
75) Chrysene-d12	22.55	240	381428	20.00	ng		-0.02
86) Perylene-d12	26.33	264	419468	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	6.24	112	204689	77.52	ng		-0.01
7) Phenol-d6	7.92	99	273476	79.78	ng		0.00
23) Nitrobenzene-d5	10.03	82	225980	83.83	ng		-0.01
41) 2,4,6-Tribromophenol	16.93	330	184772	88.88	ng		-0.01
44) 2-Fluorobiphenyl	14.09	172	855991	78.86	ng		-0.01
78) Terphenyl-d14	20.73	244	1301050	77.93	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.89	88	35276	36.042	ng	#	71
3) Pyridine	4.35	79	104791	40.054	ng	#	76
4) n-Nitrosodimethylamine	4.25	42	39968	37.859	ng	#	85
6) Aniline	8.12	93	166037	37.646	ng		91
8) 2-Chlorophenol	8.37	128	118256	38.611	ng	#	82
9) Benzaldehyde	7.92	77	76031m	36.834	ng		
10) Phenol	7.95	94	137467	39.719	ng		89
11) bis(2-Chloroethyl)ether	8.21	93	106204	36.949	ng	#	82
12) 1,3-Dichlorobenzene	8.71	146	145968	38.378	ng	#	93
13) 1,4-Dichlorobenzene	8.86	146	148236	38.154	ng		93
14) 1,2-Dichlorobenzene	9.19	146	140878	38.267	ng		95
15) Benzyl Alcohol	9.06	79	101918	39.604	ng		90
16) 2,2'-oxybis(1-Chloropropan	9.36	45	80331	34.319	ng		80
17) 2-Methylphenol	9.26	107	96794	39.087	ng		94
18) Hexachloroethane	9.95	117	45693	38.831	ng	#	87
19) n-Nitroso-di-n-propylamine	9.64	70	86007	36.737	ng	#	79
20) 3+4-Methylphenols	9.59	107	138526	39.359	ng		92
22) Acetophenone	9.67	105	181007	38.275	ng	#	87
24) Nitrobenzene	10.07	77	110801	39.882	ng	#	80
25) Isophorone	10.60	82	215192	37.084	ng	#	86
26) 2-Nitrophenol	10.80	139	69029	47.389	ng	#	76
27) 2,4-Dimethylphenol	10.83	122	119509	38.989	ng		91
28) bis(2-Chloroethoxy)methane	11.08	93	143795	36.931	ng	#	98
29) 2,4-Dichlorophenol	11.34	162	145265	40.369	ng		88
30) 1,2,4-Trichlorobenzene	11.57	180	170567	38.821	ng		96
31) Naphthalene	11.77	128	394714	38.424	ng		99
32) Benzoic acid	10.94	122	85116	41.736	ng	#	73
33) 4-Chloroaniline	11.85	127	172248	37.662	ng	#	91
34) Hexachlorobutadiene	12.04	225	117782	39.048	ng		96
35) Caprolactam	12.60	113	43271	39.671	ng	#	43
36) 4-Chloro-3-methylphenol	12.92	107	133863	40.279	ng	#	81
37) 2-Methylnaphthalene	13.32	142	320363	38.470	ng		93
39) 1,2,4,5-Tetrachlorobenzene	13.68	216	227702	39.679	ng	#	96
40) Hexachlorocyclopentadiene	13.65	237	123519	40.801	ng		93

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.M
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QLast Update : Fri Dec 22 11:08:55 2017
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.90	196	138689	41.917	ng		98
43) 2,4,5-Trichlorophenol	13.97	196	155059	42.288	ng	#	91
45) 1,1'-Biphenyl	14.30	154	463137	39.800	ng		98
46) 2-Chloronaphthalene	14.35	162	353180	39.791	ng		96
47) 2-Nitroaniline	14.53	65	68344	44.584	ng	#	55
48) Acenaphthylene	15.19	152	558907	39.360	ng		99
49) Dimethylphthalate	14.89	163	469732	39.136	ng		99
50) 2,6-Dinitrotoluene	15.02	165	99352	44.996	ng	#	63
51) Acenaphthene	15.52	154	365691	39.323	ng		99
52) 3-Nitroaniline	15.34	138	93885	43.582	ng	#	73
53) 2,4-Dinitrophenol	15.54	184	29118	35.714	ng	#	1
54) Dibenzofuran	15.85	168	561397	39.381	ng		97
55) 4-Nitrophenol	15.61	139	72419	41.304	ng	#	69
56) 2,4-Dinitrotoluene	15.79	165	134787	47.474	ng	#	63
57) Fluorene	16.50	166	456776	39.443	ng		97
58) 2,3,4,6-Tetrachlorophenol	16.06	232	148362	41.472	ng	#	84
59) Diethylphthalate	16.23	149	451898	38.629	ng		95
60) 4-Chlorophenyl-phenylether	16.48	204	277105	39.107	ng		93
61) 4-Nitroaniline	16.50	138	93165	44.319	ng	#	77
62) Azobenzene	16.77	77	285653	38.075	ng		83
64) 4,6-Dinitro-2-methylphenol	16.55	198	67463	42.482	ng	#	66
65) n-Nitrosodiphenylamine	16.68	169	432634	38.821	ng		99
66) 4-Bromophenyl-phenylether	17.37	248	195219	40.232	ng		93
67) Hexachlorobenzene	17.49	284	206938	41.719	ng	#	89
68) Atrazine	17.61	200	170017	39.234	ng		97
69) Pentachlorophenol	17.83	266	141287	41.411	ng		100
70) Phenanthrene	18.24	178	743785	39.168	ng		99
71) Anthracene	18.33	178	740461	38.655	ng		99
72) Carbazole	18.58	167	648015	38.221	ng		100
73) Di-n-butylphthalate	19.10	149	732554	38.879	ng		99
74) Fluoranthene	20.19	202	906800	38.918	ng		97
76) Benzidine	20.35	184	350469	29.769	ng		99
77) Pyrene	20.55	202	923961	37.922	ng		99
79) Butylbenzylphthalate	21.43	149	323339	39.533	ng	#	76
80) Benzo(a)anthracene	22.53	228	937768	38.650	ng		99
81) 3,3'-Dichlorobenzidine	22.42	252	371726	39.515	ng	#	97
82) Chrysene	22.61	228	878796	38.280	ng		98
83) Bis(2-ethylhexyl)phthalate	22.39	149	467245	39.431	ng	#	99
84) Di-n-octyl phthalate	23.80	149	791982	39.685	ng	#	87
85) Indeno(1,2,3-cd)pyrene	30.73	276	1215731	41.279	ng	#	86
87) Benzo(b)fluoranthene	25.12	252	1018162	39.103	ng	#	96
88) Benzo(k)fluoranthene	25.20	252	995944	38.220	ng	#	97
89) Benzo(a)pyrene	26.16	252	967502	38.797	ng	#	97
90) Dibenzo(a,h)anthracene	30.83	278	1018995	39.565	ng	#	95
91) Benzo(g,h,i)perylene	30.73	276	1215731	39.981	ng	#	93

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

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