Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122117\
Data File : BG031694.D
Acq On : 22 Dec 2017 4:06
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
12/22/2017 12:44:28 PM

Quant Time: Dec 22 05:42:12 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 03:38:35 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.83	152	55786m	20.00	ng		-0.01
21) Naphthalene-d8	11.72	136	242388	20.00	ng		0.00
38) Acenaphthene-d10	15.46	164	170889	20.00	ng		0.00
63) Phenanthrene-d10	18.20	188	418436	20.00	ng		0.00
75) Chrysene-d12	22.57	240	462492	20.00	ng		0.00
86) Perylene-d12	26.35	264	504081	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	6.24	112	236771	77.30	ng		0.00
7) Phenol-d6	7.92	99	318786	80.17	ng		0.00
23) Nitrobenzene-d5	10.03	82	260413	81.13	ng		-0.01
41) 2,4,6-Tribromophenol	16.94	330	221017	84.76	ng		0.00
44) 2-Fluorobiphenyl	14.09	172	1008028	74.04	ng		0.00
78) Terphenyl-d14	20.73	244	1523954	75.28	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.89	88	40644	35.798	ng	#	71
3) Pyridine	4.35	79	121061	39.890	ng	#	73
4) n-Nitrosodimethylamine	4.25	42	47065	38.432	ng	#	76
6) Aniline	8.12	93	196709	38.448	ng		91
8) 2-Chlorophenol	8.37	128	140434	39.527	ng	#	81
9) Benzaldehyde	7.92	77	91900m	38.380	ng		
10) Phenol	7.95	94	158141	39.390	ng		93
11) bis(2-Chloroethyl)ether	8.21	93	124532	37.350	ng	#	78
12) 1,3-Dichlorobenzene	8.71	146	166999m	37.851	ng		
13) 1,4-Dichlorobenzene	8.86	146	170869m	37.913	ng		
14) 1,2-Dichlorobenzene	9.20	146	161984	37.931	ng		94
15) Benzyl Alcohol	9.06	79	119016	39.869	ng		91
16) 2,2'-oxybis(1-Chloropropan	9.36	45	97100	35.761	ng		79
17) 2-Methylphenol	9.26	107	113892	39.647	ng		95
18) Hexachloroethane	9.96	117	52944	38.786	ng	#	85
19) n-Nitroso-di-n-propylamine	9.64	70	103710m	38.188	ng		
20) 3+4-Methylphenols	9.59	107	163348	40.010	ng		95
22) Acetophenone	9.67	105	212386	37.715	ng	#	86
24) Nitrobenzene	10.07	77	132474	40.043	ng	#	85
25) Isophorone	10.60	82	260351	37.677	ng	#	84
26) 2-Nitrophenol	10.80	139	75371	43.452	ng	#	80
27) 2,4-Dimethylphenol	10.83	122	141915	38.880	ng		89
28) bis(2-Chloroethoxy)methane	11.08	93	171428	36.973	ng	#	94
29) 2,4-Dichlorophenol	11.34	162	171311	39.979	ng		92
30) 1,2,4-Trichlorobenzene	11.57	180	197925	37.830	ng		98
31) Naphthalene	11.77	128	470862	38.492	ng		99
32) Benzoic acid	10.96	122	94311	39.300	ng	#	82
33) 4-Chloroaniline	11.85	127	210583	38.666	ng	#	91
34) Hexachlorobutadiene	12.04	225	135654	37.767	ng		97
35) Caprolactam	12.61	113	50021	38.511	ng	#	52
36) 4-Chloro-3-methylphenol	12.92	107	161923	40.916	ng	#	81
37) 2-Methylnaphthalene	13.33	142	378013	38.119	ng		92
39) 1,2,4,5-Tetrachlorobenzene	13.68	216	273063	37.936	ng	#	95
40) Hexachlorocyclopentadiene	13.66	237	149531	39.379	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.90	196	167256	40.302	ng		97
43) 2,4,5-Trichlorophenol	13.97	196	183892	39.984	ng	#	91
45) 1,1'-Biphenyl	14.30	154	545230	37.356	ng		94
46) 2-Chloronaphthalene	14.35	162	419630	37.693	ng		96
47) 2-Nitroaniline	14.53	65	83079	43.209	ng	#	68
48) Acenaphthylene	15.19	152	676826	38.001	ng		98
49) Dimethylphthalate	14.89	163	567108	37.670	ng		99
50) 2,6-Dinitrotoluene	15.02	165	116500	42.066	ng	#	67
51) Acenaphthene	15.53	154	447446	38.359	ng		99
52) 3-Nitroaniline	15.34	138	112502	41.637	ng	#	73
53) 2,4-Dinitrophenol	15.54	184	47619	44.245	ng	#	5
54) Dibenzofuran	15.86	168	677378	37.883	ng		97
55) 4-Nitrophenol	15.61	139	88973	40.458	ng	#	67
56) 2,4-Dinitrotoluene	15.79	165	158190	44.421	ng	#	64
57) Fluorene	16.50	166	544827	37.508	ng		98
58) 2,3,4,6-Tetrachlorophenol	16.07	232	179503	40.004	ng	#	84
59) Diethylphthalate	16.24	149	548463	37.378	ng		95
60) 4-Chlorophenyl-phenylether	16.48	204	335398	37.737	ng		91
61) 4-Nitroaniline	16.50	138	112380	42.621	ng		79
62) Azobenzene	16.77	77	346102	36.780	ng		83
64) 4,6-Dinitro-2-methylphenol	16.55	198	88259	44.161	ng	#	68
65) n-Nitrosodiphenylamine	16.69	169	529429	38.096	ng		98
66) 4-Bromophenyl-phenylether	17.38	248	232257	38.384	ng		94
67) Hexachlorobenzene	17.49	284	245670	39.717	ng	#	90
68) Atrazine	17.62	200	205637	38.054	ng		99
69) Pentachlorophenol	17.83	266	179056	42.086	ng		100
70) Phenanthrene	18.24	178	893108	37.715	ng		100
71) Anthracene	18.33	178	901816	37.753	ng		99
72) Carbazole	18.59	167	793572	37.534	ng		100
73) Di-n-butylphthalate	19.10	149	895540	38.114	ng		99
74) Fluoranthene	20.20	202	1087139	37.415	ng		97
76) Benzidine	20.36	184	428228	29.998	ng		98
77) Pyrene	20.56	202	1103408	37.350	ng		97
79) Butylbenzylphthalate	21.44	149	385789	38.901	ng	#	74
80) Benzo(a)anthracene	22.54	228	1109169	37.702	ng		99
81) 3,3'-Dichlorobenzidine	22.42	252	433523	38.007	ng	#	99
82) Chrysene	22.62	228	1044760	37.533	ng		98
83) Bis(2-ethylhexyl)phthalate	22.40	149	547643	38.115	ng	#	97
84) Di-n-octyl phthalate	23.83	149	930446	38.451	ng	#	88
85) Indeno(1,2,3-cd)pyrene	30.76	276	1413172	39.573	ng	#	86
87) Benzo(b)fluoranthene	25.13	252	1181879	37.771	ng	#	97
88) Benzo(k)fluoranthene	25.21	252	1176958	37.585	ng	#	97
89) Benzo(a)pyrene	26.17	252	1129185	37.680	ng	#	97
90) Dibenzo(a,h)anthracene	30.86	278	1191542	38.499	ng	#	96
91) Benzo(g,h,i)perylene	30.76	276	1413172	38.673	ng	#	93

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

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