Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG030618\
Data File : BG033017.D
Acq On : 6 Mar 2018 11:50
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
3/7/2018 12:10:52 PM

Quant Time: Mar 06 17:44:43 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 06 17:38:59 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.91	152	49705	20.00	ng		0.00
21) Naphthalene-d8	11.80	136	242402	20.00	ng		0.00
38) Acenaphthene-d10	15.53	164	145792	20.00	ng		0.00
63) Phenanthrene-d10	18.25	188	327466	20.00	ng		0.00
75) Chrysene-d12	22.61	240	295168	20.00	ng		0.00
86) Perylene-d12	26.41	264	320142	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.32	112	240442	77.39	ng		0.00
7) Phenol-d6	8.01	99	345193	79.71	ng		0.00
23) Nitrobenzene-d5	10.11	82	316182	89.87	ng		0.00
41) 2,4,6-Tribromophenol	17.00	330	124121	80.97	ng		0.00
44) 2-Fluorobiphenyl	14.15	172	711623	70.40	ng		0.00
78) Terphenyl-d14	20.77	244	921540	70.14	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.97	88	50077	37.139	ng		94
3) Pyridine	4.43	79	149762	40.298	ng		95
4) n-Nitrosodimethylamine	4.33	42	66847	44.864	ng	#	83
6) Aniline	8.20	93	220782	37.664	ng		97
8) 2-Chlorophenol	8.45	128	131235	38.592	ng		95
9) Benzaldehyde	8.01	77	100755	40.369	ng		96
10) Phenol	8.03	94	174969	40.081	ng		96
11) bis(2-Chloroethyl)ether	8.29	93	130002	36.419	ng		99
12) 1,3-Dichlorobenzene	8.80	146	145417	36.509	ng		97
13) 1,4-Dichlorobenzene	8.95	146	146177	36.460	ng		98
14) 1,2-Dichlorobenzene	9.28	146	141540	36.841	ng		98
15) Benzyl Alcohol	9.14	79	127075	39.915	ng		88
16) 2,2'-oxybis(1-Chloropropan	9.44	45	257406	41.947	ng		99
17) 2-Methylphenol	9.34	107	125903	39.112	ng		96
18) Hexachloroethane	10.04	117	52469	38.437	ng	#	83
19) n-Nitroso-di-n-propylamine	9.72	70	119082	38.951	ng	#	93
20) 3+4-Methylphenols	9.67	107	177891	39.744	ng		95
22) Acetophenone	9.75	105	221631	36.203	ng	#	98
24) Nitrobenzene	10.15	77	164921	43.372	ng		94
25) Isophorone	10.68	82	312289	36.705	ng		97
26) 2-Nitrophenol	10.88	139	76635	53.803	ng		97
27) 2,4-Dimethylphenol	10.91	122	134024	36.261	ng		92
28) bis(2-Chloroethoxy)methane	11.15	93	174930	35.293	ng		95
29) 2,4-Dichlorophenol	11.42	162	127804	38.099	ng		95
30) 1,2,4-Trichlorobenzene	11.65	180	138662	35.263	ng		98
31) Naphthalene	11.85	128	456557	36.045	ng		99
32) Benzoic acid	11.00	122	91829	42.266	ng	#	79
33) 4-Chloroaniline	11.93	127	209537	36.998	ng		97
34) Hexachlorobutadiene	12.11	225	76904	34.867	ng		98
35) Caprolactam	12.68	113	55563	41.367	ng		96
36) 4-Chloro-3-methylphenol	13.00	107	163007	41.757	ng		92
37) 2-Methylnaphthalene	13.40	142	335890	36.654	ng		93
39) 1,2,4,5-Tetrachlorobenzene	13.75	216	151571	35.022	ng	#	97
40) Hexachlorocyclopentadiene	13.72	237	76386	34.632	ng		90

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.97	196	105733	38.740	ng		98
43) 2,4,5-Trichlorophenol	14.04	196	122872	38.897	ng	#	96
45) 1,1'-Biphenyl	14.37	154	445141	34.941	ng		95
46) 2-Chloronaphthalene	14.42	162	334707	35.170	ng		98
47) 2-Nitroaniline	14.61	65	123701	50.815	ng		93
48) Acenaphthylene	15.26	152	562968	36.132	ng		99
49) Dimethylphthalate	14.95	163	449704	36.328	ng		99
50) 2,6-Dinitrotoluene	15.08	165	95960	47.050	ng		91
51) Acenaphthene	15.59	154	354041	36.486	ng		99
52) 3-Nitroaniline	15.41	138	110660	44.339	ng	#	89
53) 2,4-Dinitrophenol	15.61	184	25821	47.799	ng	#	1
54) Dibenzofuran	15.92	168	500927	36.255	ng		94
55) 4-Nitrophenol	15.67	139	65048	36.329	ng		82
56) 2,4-Dinitrotoluene	15.85	165	133826	54.092	ng	#	89
57) Fluorene	16.56	166	414785	36.372	ng		99
58) 2,3,4,6-Tetrachlorophenol	16.13	232	97123m	39.601	ng		
59) Diethylphthalate	16.29	149	477119	36.542	ng		99
60) 4-Chlorophenyl-phenylether	16.53	204	203212	36.427	ng		91
61) 4-Nitroaniline	16.56	138	106002	40.487	ng		87
62) Azobenzene	16.83	77	434467	37.195	ng		97
64) 4,6-Dinitro-2-methylphenol	16.61	198	49112	50.475	ng		94
65) n-Nitrosodiphenylamine	16.74	169	380149	35.685	ng		99
66) 4-Bromophenyl-phenylether	17.43	248	121023	34.951	ng	#	84
67) Hexachlorobenzene	17.55	284	129313	34.558	ng	#	92
68) Atrazine	17.66	200	121282	34.587	ng		96
69) Pentachlorophenol	17.89	266	80067	33.971	ng		96
70) Phenanthrene	18.30	178	653414	35.766	ng		98
71) Anthracene	18.39	178	656776	35.808	ng		99
72) Carbazole	18.64	167	623085	34.465	ng		98
73) Di-n-butylphthalate	19.14	149	794757	35.834	ng		99
74) Fluoranthene	20.24	202	716408	35.499	ng		95
76) Benzidine	20.40	184	402263	39.981	ng		97
77) Pyrene	20.60	202	732697	35.200	ng		98
79) Butylbenzylphthalate	21.47	149	365809	39.638	ng		92
80) Benzo(a)anthracene	22.59	228	684262	36.151	ng		100
81) 3,3'-Dichlorobenzidine	22.47	252	252224	35.980	ng	#	98
82) Chrysene	22.67	228	657647	36.373	ng		99
83) Bis(2-ethylhexyl)phthalate	22.41	149	530889	38.862	ng		95
84) Di-n-octyl phthalate	23.82	149	843753	40.521	ng		99
85) Indeno(1,2,3-cd)pyrene	30.82	276	723138	34.294	ng		100
87) Benzo(b)fluoranthene	25.19	252	681934	36.026	ng	#	97
88) Benzo(k)fluoranthene	25.27	252	666167	35.411	ng	#	95
89) Benzo(a)pyrene	26.23	252	644155	35.778	ng	#	95
90) Dibenzo(a,h)anthracene	30.91	278	584717	32.265	ng	#	93
91) Benzo(g,h,i)perylene	32.21	276	580314	32.484	ng	#	92

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

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