Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG111017\
Data File : BG030930.D
Acq On : 11 Nov 2017 5:52
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
SOHIL
11/13/2017 4:45:16 PM

Quant Time: Nov 13 03:05:27 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 10 15:38:25 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	39808	20.00	ng		-0.01
21) Naphthalene-d8	10.96	136	182403	20.00	ng		-0.01
38) Acenaphthene-d10	14.76	164	126920	20.00	ng		-0.01
63) Phenanthrene-d10	17.51	188	324666	20.00	ng		0.00
75) Chrysene-d12	21.78	240	391774	20.00	ng		0.00
86) Perylene-d12	25.07	264	402537	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	192037	82.72	ng		0.00
7) Phenol-d6	7.31	99	258669	82.71	ng		0.00
23) Nitrobenzene-d5	9.31	82	251894	81.83	ng		-0.01
41) 2,4,6-Tribromophenol	16.25	330	172523	84.03	ng		0.00
44) 2-Fluorobiphenyl	13.39	172	730588	82.71	ng		-0.01
78) Terphenyl-d14	20.09	244	1427792	80.47	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.56	88	39731	42.174	ng	#	84
3) Pyridine	3.96	79	115574	42.257	ng		88
4) n-Nitrosodimethylamine	3.88	42	54214	41.825	ng	#	94
6) Aniline	7.46	93	165686	40.254	ng		96
8) 2-Chlorophenol	7.71	128	105526	41.191	ng		89
9) Benzaldehyde	7.28	77	87191	39.839	ng		88
10) Phenol	7.34	94	133348	41.056	ng		92
11) bis(2-Chloroethyl)ether	7.55	93	107350	41.395	ng		90
12) 1,3-Dichlorobenzene	8.03	146	122124	40.630	ng		97
13) 1,4-Dichlorobenzene	8.18	146	123757	40.631	ng		97
14) 1,2-Dichlorobenzene	8.50	146	119863	41.000	ng		98
15) Benzyl Alcohol	8.38	79	101982	40.652	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.66	45	114787	40.072	ng		95
17) 2-Methylphenol	8.59	107	92686	40.980	ng		94
18) Hexachloroethane	9.23	117	42865	40.435	ng		92
19) n-Nitroso-di-n-propylamine	8.95	70	97985	41.205	ng	#	96
20) 3+4-Methylphenols	8.92	107	132311	41.140	ng		93
22) Acetophenone	8.96	105	187269	41.234	ng	#	93
24) Nitrobenzene	9.35	77	128639	40.911	ng		92
25) Isophorone	9.87	82	241530	40.233	ng	#	92
26) 2-Nitrophenol	10.07	139	68566	41.834	ng		89
27) 2,4-Dimethylphenol	10.12	122	100436	41.277	ng		95
28) bis(2-Chloroethoxy)methane	10.35	93	154678	40.909	ng		96
29) 2,4-Dichlorophenol	10.61	162	125492	42.949	ng		93
30) 1,2,4-Trichlorobenzene	10.82	180	146439	41.979	ng		95
31) Naphthalene	11.01	128	365759	40.790	ng		98
32) Benzoic acid	10.27	122	76890m	39.127	ng		
33) 4-Chloroaniline	11.11	127	162149	41.309	ng		96
34) Hexachlorobutadiene	11.28	225	102509	42.372	ng		98
35) Caprolactam	11.88	113	45189	37.859	ng	#	80
36) 4-Chloro-3-methylphenol	12.23	107	130254	40.959	ng	#	88
37) 2-Methylnaphthalene	12.60	142	288704	41.708	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.97	216	211834	42.052	ng	#	96
40) Hexachlorocyclopentadiene	12.95	237	60001	38.573	ng		89

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.21	196	118150	41.028	ng		96
43) 2,4,5-Trichlorophenol	13.29	196	129145	40.988	ng		92
45) 1,1'-Biphenyl	13.60	154	429122	40.773	ng		97
46) 2-Chloronaphthalene	13.65	162	314370	41.399	ng		97
47) 2-Nitroaniline	13.85	65	89004	39.545	ng	#	78
48) Acenaphthylene	14.49	152	507129	40.804	ng		99
49) Dimethylphthalate	14.21	163	443836	40.444	ng		99
50) 2,6-Dinitrotoluene	14.33	165	94973	41.988	ng	#	76
51) Acenaphthene	14.83	154	316095	40.723	ng		98
52) 3-Nitroaniline	14.67	138	95828	39.900	ng	#	80
53) 2,4-Dinitrophenol	14.88	184	40780	36.234	ng	#	51
54) Dibenzofuran	15.16	168	509611	41.219	ng		99
55) 4-Nitrophenol	14.99	139	69050	40.360	ng	#	84
56) 2,4-Dinitrotoluene	15.13	165	135837	41.540	ng	#	72
57) Fluorene	15.81	166	408463	40.693	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.39	232	126641	42.173	ng	#	88
59) Diethylphthalate	15.56	149	452522	40.595	ng		98
60) 4-Chlorophenyl-phenylether	15.79	204	251707	41.521	ng		92
61) 4-Nitroaniline	15.83	138	102074	40.136	ng		90
62) Azobenzene	16.08	77	340467	40.049	ng		95
64) 4,6-Dinitro-2-methylphenol	15.89	198	88762	41.131	ng		78
65) n-Nitrosodiphenylamine	16.01	169	401246	40.785	ng		99
66) 4-Bromophenyl-phenylether	16.68	248	171942	41.814	ng		96
67) Hexachlorobenzene	16.81	284	181757	41.599	ng	#	92
68) Atrazine	16.95	200	160918	39.643	ng		99
69) Pentachlorophenol	17.16	266	98998	40.990	ng		99
70) Phenanthrene	17.55	178	689828	40.808	ng		100
71) Anthracene	17.64	178	699603	41.303	ng		99
72) Carbazole	17.91	167	649150	40.902	ng		100
73) Di-n-butylphthalate	18.44	149	781083	40.082	ng		100
74) Fluoranthene	19.55	202	915341	42.766	ng		97
76) Benzidine	19.72	184	478282	38.005	ng		97
77) Pyrene	19.91	202	935241	40.229	ng		98
79) Butylbenzylphthalate	20.77	149	369983	39.915	ng	#	84
80) Benzo(a)anthracene	21.75	228	985111	40.481	ng		100
81) 3,3'-Dichlorobenzidine	21.66	252	398342	40.551	ng		99
82) Chrysene	21.82	228	919161	40.831	ng		98
83) Bis(2-ethylhexyl)phthalate	21.64	149	526885	39.378	ng	#	99
84) Di-n-octyl phthalate	22.87	149	891114	40.919	ng	#	94
85) Indeno(1,2,3-cd)pyrene	28.88	276	1149618	42.008	ng		96
87) Benzo(b)fluoranthene	24.03	252	1006009	41.316	ng	#	98
88) Benzo(k)fluoranthene	24.10	252	979882	40.600	ng		98
89) Benzo(a)pyrene	24.93	252	944319	40.824	ng	#	98
90) Dibenzo(a,h)anthracene	28.92	278	973810	41.188	ng		99
91) Benzo(g,h,i)perylene	30.06	276	946348	41.240	ng	#	96

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

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