Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG111317\
Data File : BG030969.D
Acq On : 13 Nov 2017 12:39
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
SOHIL
11/14/2017 5:22:31 PM

Quant Time: Nov 14 05:57:00 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	47585	20.00	ng		0.00
21) Naphthalene-d8	10.96	136	205531	20.00	ng		0.00
38) Acenaphthene-d10	14.76	164	138739	20.00	ng		-0.01
63) Phenanthrene-d10	17.50	188	341848	20.00	ng		0.00
75) Chrysene-d12	21.78	240	396735	20.00	ng		0.00
86) Perylene-d12	25.08	264	414544	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	219893	79.24	ng		0.00
7) Phenol-d6	7.31	99	296010	79.18	ng		0.00
23) Nitrobenzene-d5	9.31	82	285223	82.23	ng		0.00
41) 2,4,6-Tribromophenol	16.25	330	195402	87.06	ng		0.00
44) 2-Fluorobiphenyl	13.39	172	827438	85.70	ng		-0.01
78) Terphenyl-d14	20.09	244	1508222	83.94	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.56	88	43194	38.356	ng	#	83
3) Pyridine	3.97	79	126312	38.636	ng		89
4) n-Nitrosodimethylamine	3.88	42	60836	39.263	ng	#	88
6) Aniline	7.46	93	187417	38.092	ng		95
8) 2-Chlorophenol	7.71	128	121206	39.579	ng		88
9) Benzaldehyde	7.27	77	95454	36.486	ng		83
10) Phenol	7.33	94	151148	38.931	ng		96
11) bis(2-Chloroethyl)ether	7.56	93	121110	39.068	ng		88
12) 1,3-Dichlorobenzene	8.03	146	141183	39.294	ng		97
13) 1,4-Dichlorobenzene	8.18	146	146407	40.211	ng		94
14) 1,2-Dichlorobenzene	8.50	146	142236	40.701	ng		96
15) Benzyl Alcohol	8.38	79	117408	39.152	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.66	45	124066	36.233	ng		91
17) 2-Methylphenol	8.59	107	103422	38.253	ng		98
18) Hexachloroethane	9.23	117	50814	40.099	ng		91
19) n-Nitroso-di-n-propylamine	8.94	70	108214	38.069	ng	#	95
20) 3+4-Methylphenols	8.92	107	147380	38.336	ng		98
22) Acetophenone	8.97	105	210829	41.198	ng	#	93
24) Nitrobenzene	9.35	77	142663	40.265	ng		91
25) Isophorone	9.87	82	264259	39.065	ng	#	93
26) 2-Nitrophenol	10.07	139	78137	42.309	ng	#	87
27) 2,4-Dimethylphenol	10.12	122	112958	41.199	ng		92
28) bis(2-Chloroethoxy)methane	10.35	93	171650	40.289	ng		98
29) 2,4-Dichlorophenol	10.61	162	139843	42.475	ng		89
30) 1,2,4-Trichlorobenzene	10.82	180	172214	43.812	ng		93
31) Naphthalene	11.01	128	403877	39.973	ng		99
32) Benzoic acid	10.28	122	85613	38.731	ng		85
33) 4-Chloroaniline	11.12	127	182197	41.193	ng		95
34) Hexachlorobutadiene	11.29	225	121553	44.589	ng		94
35) Caprolactam	11.89	113	48990	36.425	ng	#	72
36) 4-Chloro-3-methylphenol	12.23	107	141003	39.350	ng		88
37) 2-Methylnaphthalene	12.60	142	321927	41.274	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.97	216	251670	45.705	ng	#	94
40) Hexachlorocyclopentadiene	12.94	237	73316	41.862	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.21	196	137297	43.616	ng		96
43) 2,4,5-Trichlorophenol	13.29	196	149997	43.551	ng	#	90
45) 1,1'-Biphenyl	13.60	154	477143	41.474	ng		95
46) 2-Chloronaphthalene	13.64	162	347398	41.852	ng		96
47) 2-Nitroaniline	13.85	65	97077	39.457	ng	#	86
48) Acenaphthylene	14.49	152	551060	40.561	ng		99
49) Dimethylphthalate	14.21	163	477966	39.844	ng		99
50) 2,6-Dinitrotoluene	14.33	165	104407	42.227	ng	#	77
51) Acenaphthene	14.83	154	349343	41.172	ng		100
52) 3-Nitroaniline	14.67	138	102445	39.021	ng	#	77
53) 2,4-Dinitrophenol	14.88	184	40215m	33.262	ng		
54) Dibenzofuran	15.16	168	558151	41.299	ng		99
55) 4-Nitrophenol	14.99	139	71539	38.253	ng	#	82
56) 2,4-Dinitrotoluene	15.12	165	147955	41.392	ng	#	72
57) Fluorene	15.81	166	446313	40.676	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.39	232	145298	44.264	ng	#	85
59) Diethylphthalate	15.56	149	474580	38.947	ng		97
60) 4-Chlorophenyl-phenylether	15.79	204	282021	42.559	ng		91
61) 4-Nitroaniline	15.83	138	107950	38.831	ng		92
62) Azobenzene	16.08	77	352568	37.939	ng		95
64) 4,6-Dinitro-2-methylphenol	15.89	198	89096	39.211	ng		77
65) n-Nitrosodiphenylamine	16.01	169	433832	41.880	ng		98
66) 4-Bromophenyl-phenylether	16.69	248	193992	44.806	ng		94
67) Hexachlorobenzene	16.82	284	205370	44.641	ng	#	90
68) Atrazine	16.95	200	174614	40.855	ng		98
69) Pentachlorophenol	17.16	266	113821	44.758	ng		99
70) Phenanthrene	17.55	178	744143	41.808	ng		99
71) Anthracene	17.64	178	751494	42.137	ng		99
72) Carbazole	17.90	167	676432	40.478	ng		100
73) Di-n-butylphthalate	18.44	149	804825	39.225	ng		100
74) Fluoranthene	19.54	202	965960	42.863	ng		97
76) Benzidine	19.72	184	456323	35.807	ng		98
77) Pyrene	19.91	202	989353	42.025	ng		99
79) Butylbenzylphthalate	20.77	149	369975	39.415	ng	#	84
80) Benzo(a)anthracene	21.76	228	1008157	40.910	ng		99
81) 3,3'-Dichlorobenzidine	21.66	252	411514	41.368	ng	#	97
82) Chrysene	21.82	228	949960	41.672	ng		98
83) Bis(2-ethylhexyl)phthalate	21.63	149	520883	38.443	ng	#	99
84) Di-n-octyl phthalate	22.87	149	869009	39.405	ng	#	93
85) Indeno(1,2,3-cd)pyrene	28.87	276	1187417	42.847	ng	#	87
87) Benzo(b)fluoranthene	24.03	252	1045821	41.707	ng	#	97
88) Benzo(k)fluoranthene	24.10	252	1020756	41.068	ng	#	98
89) Benzo(a)pyrene	24.92	252	987453	41.452	ng	#	97
90) Dibenzo(a,h)anthracene	28.92	278	1015553	41.709	ng	#	96
91) Benzo(g,h,i)perylene	30.05	276	979426	41.445	ng	#	94

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

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