Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101617\
Data File : BG029274.D
Acq On : 16 Oct 2017 15:19
Operator : SJ/JU
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Sohil
10/17/2017 5:04:08 PM

Quant Time: Oct 16 15:55:13 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 16 15:18:52 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	68743	20.00	ng		0.00
21) Naphthalene-d8	11.00	136	317812	20.00	ng		0.00
38) Acenaphthene-d10	14.79	164	196344	20.00	ng		0.00
63) Phenanthrene-d10	17.53	188	442364	20.00	ng		0.00
75) Chrysene-d12	21.81	240	450590	20.00	ng		0.00
86) Perylene-d12	25.12	264	469420	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	635126	140.64	ng		0.00
7) Phenol-d6	7.33	99	873987	129.84	ng		0.00
23) Nitrobenzene-d5	9.35	82	799066	164.12	ng		0.00
41) 2,4,6-Tribromophenol	16.28	330	403798	156.19	ng		0.00
44) 2-Fluorobiphenyl	13.42	172	1904253	140.15	ng		0.00
78) Terphenyl-d14	20.13	244	2677843	123.12	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.59	88	130128	68.903	ng	#	84
3) Pyridine	3.99	79	376361	72.163	ng		94
4) n-Nitrosodimethylamine	3.90	42	181121	76.208	ng	#	93
6) Aniline	7.49	93	552012	67.265	ng		97
8) 2-Chlorophenol	7.74	128	358119	72.082	ng		94
9) Benzaldehyde	7.31	77	185758	52.495	ng		91
10) Phenol	7.36	94	476489	66.579	ng		93
11) bis(2-Chloroethyl)ether	7.59	93	352465	65.604	ng		95
12) 1,3-Dichlorobenzene	8.06	146	407283	74.428	ng		98
13) 1,4-Dichlorobenzene	8.21	146	415550	74.708	ng		95
14) 1,2-Dichlorobenzene	8.53	146	391729	72.246	ng		98
15) Benzyl Alcohol	8.41	79	325631	62.846	ng		90
16) 2,2'-oxybis(1-Chloropropan	8.70	45	603543	60.643	ng		94
17) 2-Methylphenol	8.61	107	317032	68.458	ng		97
18) Hexachloroethane	9.26	117	146058	80.275	ng		95
19) n-Nitroso-di-n-propylamine	8.99	70	302646	61.891	ng	#	93
20) 3+4-Methylphenols	8.95	107	452623	69.085	ng		95
22) Acetophenone	9.00	105	586135	65.600	ng		96
24) Nitrobenzene	9.39	77	446856	81.784	ng		93
25) Isophorone	9.92	82	827873	59.993	ng	#	93
26) 2-Nitrophenol	10.10	139	231128	123.205	ng		94
27) 2,4-Dimethylphenol	10.15	122	376418	71.293	ng		92
28) bis(2-Chloroethoxy)methane	10.39	93	496829	65.530	ng		96
29) 2,4-Dichlorophenol	10.64	162	403189	79.950	ng		94
30) 1,2,4-Trichlorobenzene	10.86	180	433274	77.011	ng		97
31) Naphthalene	11.04	128	1180727	70.355	ng		98
32) Benzoic acid	10.34	122	359292	109.705	ng		91
33) 4-Chloroaniline	11.14	127	518495	71.484	ng		97
34) Hexachlorobutadiene	11.33	225	269825	75.000	ng		97
35) Caprolactam	11.94	113	139691m	70.224	ng		
36) 4-Chloro-3-methylphenol	12.26	107	439434	64.997	ng	#	89
37) 2-Methylnaphthalene	12.64	142	872340	71.212	ng		93
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	545177	78.852	ng		99
40) Hexachlorocyclopentadiene	12.98	237	218756	70.911	ng		90

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	353154	83.567	ng		99
43) 2,4,5-Trichlorophenol	13.31	196	365063	83.323	ng		95
45) 1,1'-Biphenyl	13.63	154	1259908	72.785	ng		93
46) 2-Chloronaphthalene	13.68	162	927332	78.428	ng		97
47) 2-Nitroaniline	13.88	65	283908	93.770	ng	#	86
48) Acenaphthylene	14.52	152	1422056	72.656	ng		96
49) Dimethylphthalate	14.25	163	1167203	68.306	ng		98
50) 2,6-Dinitrotoluene	14.36	165	269377	101.123	ng	#	85
51) Acenaphthene	14.86	154	914341	70.280	ng		98
52) 3-Nitroaniline	14.70	138	281107	100.028	ng	#	82
53) 2,4-Dinitrophenol	14.90	184	142756	147.907	ng	#	54
54) Dibenzofuran	15.19	168	1314600	69.598	ng		97
55) 4-Nitrophenol	15.00	139	237251	94.822	ng	#	83
56) 2,4-Dinitrotoluene	15.15	165	369479	109.225	ng	#	82
57) Fluorene	15.84	166	1078277	63.918	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.41	232	306717	77.640	ng		96
59) Diethylphthalate	15.60	149	1164881	66.845	ng		97
60) 4-Chlorophenyl-phenylether	15.82	204	598117	71.269	ng		97
61) 4-Nitroaniline	15.86	138	284234	93.944	ng		87
62) Azobenzene	16.12	77	975510	62.605	ng		97
64) 4,6-Dinitro-2-methylphenol	15.91	198	212491	143.931	ng		90
65) n-Nitrosodiphenylamine	16.04	169	989730	75.793	ng		96
66) 4-Bromophenyl-phenylether	16.72	248	395602	80.517	ng		100
67) Hexachlorobenzene	16.84	284	441545	83.591	ng		99
68) Atrazine	16.98	200	335996	65.853	ng		98
69) Pentachlorophenol	17.18	266	283757	86.496	ng		98
70) Phenanthrene	17.58	178	1667078	71.241	ng		94
71) Anthracene	17.66	178	1670952	70.060	ng		95
72) Carbazole	17.93	167	1605369	71.081	ng		95
73) Di-n-butylphthalate	18.48	149	1861925	71.338	ng		97
74) Fluoranthene	19.57	202	1938786	70.220	ng		94
76) Benzidine	19.74	184	899301	72.022	ng	#	95
77) Pyrene	19.93	202	1964780	66.791	ng	#	91
79) Butylbenzylphthalate	20.80	149	892787	77.632	ng		92
80) Benzo(a)anthracene	21.79	228	1959911	70.221	ng		95
81) 3,3'-Dichlorobenzidine	21.70	252	807222	75.784	ng		96
82) Chrysene	21.86	228	1873683	69.571	ng	#	93
83) Bis(2-ethylhexyl)phthalate	21.68	149	1237981	72.782	ng		99
84) Di-n-octyl phthalate	22.92	149	2180063	73.262	ng		100
85) Indeno(1,2,3-cd)pyrene	28.93	276	2515043	75.542	ng	#	100
87) Benzo(b)fluoranthene	24.07	252	2049696	76.462	ng		99
88) Benzo(k)fluoranthene	24.15	252	2038198	78.088	ng		93
89) Benzo(a)pyrene	24.97	252	1986725	78.023	ng		99
90) Dibenzo(a,h)anthracene	29.00	278	2085710	82.447	ng	#	96
91) Benzo(g,h,i)perylene	30.13	276	1929907	76.162	ng		98

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

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