Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101617\
Data File : BG029270.D
Acq On : 16 Oct 2017 12:40
Operator : SJ/JU
Sample : SSTDICC025
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC025

Manual Integrations APPROVED
Sohil
10/17/2017 5:04:07 PM

Quant Time: Oct 16 14:47:01 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 14:33:46 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	66993	20.00	ng		0.00
21) Naphthalene-d8	10.99	136	306214	20.00	ng		0.00
38) Acenaphthene-d10	14.79	164	193732	20.00	ng		0.00
63) Phenanthrene-d10	17.53	188	435928	20.00	ng		0.00
75) Chrysene-d12	21.80	240	448501	20.00	ng		0.00
86) Perylene-d12	25.12	264	462640	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	198371	45.07	ng		0.00
7) Phenol-d6	7.32	99	278010	42.38	ng		0.00
23) Nitrobenzene-d5	9.34	82	241079	51.39	ng		0.00
41) 2,4,6-Tribromophenol	16.27	330	123358	48.36	ng		0.00
44) 2-Fluorobiphenyl	13.42	172	665885	49.67	ng		0.00
78) Terphenyl-d14	20.12	244	1012178	46.75	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.59	88	39963	21.713	ng	#	85
3) Pyridine	3.99	79	115671	22.758	ng		90
4) n-Nitrosodimethylamine	3.90	42	53672	23.173	ng	#	91
6) Aniline	7.49	93	170494	21.318	ng		95
8) 2-Chlorophenol	7.73	128	112559	23.248	ng		93
9) Benzaldehyde	7.31	77	76796	22.269	ng		92
10) Phenol	7.35	94	148451	21.285	ng		92
11) bis(2-Chloroethyl)ether	7.58	93	110127	21.033	ng		94
12) 1,3-Dichlorobenzene	8.06	146	126308	23.685	ng		95
13) 1,4-Dichlorobenzene	8.21	146	128750	23.752	ng		97
14) 1,2-Dichlorobenzene	8.53	146	124242	23.512	ng		96
15) Benzyl Alcohol	8.40	79	98258	19.459	ng	#	89
16) 2,2'-oxybis(1-Chloropropan	8.69	45	185162	19.091	ng		97
17) 2-Methylphenol	8.61	107	97952	21.704	ng		97
18) Hexachloroethane	9.26	117	44046	24.841	ng		89
19) n-Nitroso-di-n-propylamine	8.97	70	93766	19.676	ng	#	98
20) 3+4-Methylphenols	8.93	107	139302	21.817	ng		95
22) Acetophenone	8.99	105	183038	21.262	ng	#	95
24) Nitrobenzene	9.38	77	136770	25.980	ng	#	93
25) Isophorone	9.90	82	247150	18.588	ng	#	94
26) 2-Nitrophenol	10.10	139	64737	35.816	ng		89
27) 2,4-Dimethylphenol	10.15	122	117426	23.083	ng		92
28) bis(2-Chloroethoxy)methane	10.38	93	152355	20.856	ng		96
29) 2,4-Dichlorophenol	10.63	162	124129	25.546	ng		92
30) 1,2,4-Trichlorobenzene	10.85	180	133625	24.650	ng		99
31) Naphthalene	11.04	128	380137	23.509	ng		98
32) Benzoic acid	10.27	122	96979	30.733	ng	#	84
33) 4-Chloroaniline	11.14	127	162298	23.223	ng		95
34) Hexachlorobutadiene	11.32	225	83061	23.962	ng		95
35) Caprolactam	11.90	113	41908	21.866	ng	#	84
36) 4-Chloro-3-methylphenol	12.25	107	137890	21.168	ng		90
37) 2-Methylnaphthalene	12.63	142	278239	23.574	ng		93
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	174645	25.601	ng		98
40) Hexachlorocyclopentadiene	12.98	237	54723	17.978	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	110186	26.425	ng		97
43) 2,4,5-Trichlorophenol	13.30	196	115597	26.740	ng		95
45) 1,1'-Biphenyl	13.63	154	413986	24.238	ng		97
46) 2-Chloronaphthalene	13.67	162	300458	25.754	ng		98
47) 2-Nitroaniline	13.87	65	84296	28.217	ng		89
48) Acenaphthylene	14.52	152	475625	24.628	ng		98
49) Dimethylphthalate	14.24	163	377761	22.405	ng		99
50) 2,6-Dinitrotoluene	14.36	165	80166	30.500	ng		87
51) Acenaphthene	14.86	154	308392	24.024	ng		98
52) 3-Nitroaniline	14.69	138	85695	30.905	ng	#	83
53) 2,4-Dinitrophenol	14.89	184	32018	33.621	ng	#	53
54) Dibenzofuran	15.18	168	440110	23.615	ng		99
55) 4-Nitrophenol	14.99	139	71409	28.925	ng	#	80
56) 2,4-Dinitrotoluene	15.14	165	108858	32.614	ng	#	80
57) Fluorene	15.83	166	367323	22.068	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.41	232	93644	24.024	ng		97
59) Diethylphthalate	15.59	149	376494	21.896	ng		99
60) 4-Chlorophenyl-phenylether	15.82	204	190914	23.055	ng		97
61) 4-Nitroaniline	15.84	138	89094	29.844	ng		87
62) Azobenzene	16.11	77	316914	20.613	ng		98
64) 4,6-Dinitro-2-methylphenol	15.90	198	52195	35.876	ng		88
65) n-Nitrosodiphenylamine	16.03	169	325864	25.323	ng		97
66) 4-Bromophenyl-phenylether	16.71	248	123417	25.490	ng		97
67) Hexachlorobenzene	16.84	284	141014	27.090	ng		99
68) Atrazine	16.97	200	120107	23.888	ng		98
69) Pentachlorophenol	17.18	266	81639	25.253	ng		96
70) Phenanthrene	17.57	178	566269	24.556	ng		99
71) Anthracene	17.66	178	571825	24.329	ng		99
72) Carbazole	17.92	167	545155	24.494	ng		98
73) Di-n-butylphthalate	18.48	149	637632	24.791	ng		99
74) Fluoranthene	19.57	202	662279	24.341	ng		98
76) Benzidine	19.74	184	357572	28.770	ng		98
77) Pyrene	19.93	202	688851	23.526	ng		97
79) Butylbenzylphthalate	20.80	149	292696	25.570	ng		91
80) Benzo(a)anthracene	21.78	228	661597	23.814	ng		100
81) 3,3'-Dichlorobenzidine	21.69	252	271567	25.614	ng		99
82) Chrysene	21.85	228	626641	23.376	ng		98
83) Bis(2-ethylhexyl)phthalate	21.68	149	415001	24.512	ng		98
84) Di-n-octyl phthalate	22.92	149	731297	24.690	ng		97
85) Indeno(1,2,3-cd)pyrene	28.91	276	756948	22.842	ng	#	100
87) Benzo(b)fluoranthene	24.06	252	666666	25.234	ng		99
88) Benzo(k)fluoranthene	24.13	252	651107m	25.311	ng		
89) Benzo(a)pyrene	24.96	252	629645	25.090	ng		99
90) Dibenzo(a,h)anthracene	28.98	278	641578	25.733	ng		96
91) Benzo(g,h,i)perylene	30.09	276	589135	23.590	ng		97

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

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