Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103116\
Data File : BG024589.D
Acq On : 1 Nov 2016 12:45
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
sohil
11/1/2016 4:33:36 PM

Quant Time: Nov 01 13:43:11 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 01 11:50:40 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	131181	20.00	ng		0.00
21) Naphthalene-d8	11.10	136	549411	20.00	ng		0.00
38) Acenaphthene-d10	14.89	164	411645	20.00	ng		0.00
63) Phenanthrene-d10	17.63	188	923327	20.00	ng		0.00
75) Chrysene-d12	21.92	240	1232560	20.00	ng		0.00
86) Perylene-d12	25.35	264	1328879	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.80	112	633218	79.11	ng		0.00
7) Phenol-d6	7.40	99	912412	83.11	ng		0.00
23) Nitrobenzene-d5	9.45	82	965583	80.02	ng		0.00
41) 2,4,6-Tribromophenol	16.37	330	515141	83.77	ng		0.00
44) 2-Fluorobiphenyl	13.51	172	1987113	80.23	ng		0.00
78) Terphenyl-d14	20.21	244	3146761	76.29	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.67	88	129990	39.75	ng		93
3) Pyridine	4.08	79	402440	41.10	ng		91
4) n-Nitrosodimethylamine	4.00	42	197843	39.04	ng		89
6) Aniline	7.59	93	568165	40.85	ng		98
8) 2-Chlorophenol	7.83	128	338630	41.61	ng		94
9) Benzaldehyde	7.40	77	269972	39.79	ng		97
10) Phenol	7.43	94	470589	41.58	ng		94
11) bis(2-Chloroethyl)ether	7.68	93	361123	42.47	ng		84
12) 1,3-Dichlorobenzene	8.15	146	403777	40.08	ng		97
13) 1,4-Dichlorobenzene	8.30	146	402560	40.46	ng		99
14) 1,2-Dichlorobenzene	8.62	146	395836	41.38	ng		95
15) Benzyl Alcohol	8.50	79	426921	41.80	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.78	45	621642	39.41	ng		95
17) 2-Methylphenol	8.70	107	310821	41.45	ng		95
18) Hexachloroethane	9.36	117	160102	41.85	ng		83
19) n-Nitroso-di-n-propylamine	9.07	70	333090	41.17	ng	#	86
20) 3+4-Methylphenols	9.02	107	421448	41.86	ng		95
22) Acetophenone	9.10	105	547587	38.80	ng	#	92
24) Nitrobenzene	9.49	77	527575	39.30	ng		98
25) Isophorone	10.00	82	851766	37.95	ng		99
26) 2-Nitrophenol	10.20	139	205166	41.18	ng		97
27) 2,4-Dimethylphenol	10.24	122	347562	39.84	ng		97
28) bis(2-Chloroethoxy)methane	10.48	93	446808	38.47	ng		94
29) 2,4-Dichlorophenol	10.73	162	373501	40.79	ng		99
30) 1,2,4-Trichlorobenzene	10.95	180	417878	38.48	ng		96
31) Naphthalene	11.15	128	1069247	39.02	ng		98
32) Benzoic acid	10.36	122	214070	29.47	ng		96
33) 4-Chloroaniline	11.25	127	479496	40.30	ng		92
34) Hexachlorobutadiene	11.42	225	347120	40.84	ng		94
35) Caprolactam	12.02	113	124472	37.14	ng		93
36) 4-Chloro-3-methylphenol	12.34	107	434876	39.35	ng		97
37) 2-Methylnaphthalene	12.73	142	791792	39.60	ng		96
39) 1,2,4,5-Tetrachlorobenzene	13.09	216	567904	40.90	ng		97
40) Hexachlorocyclopentadiene	13.06	237	390101	49.89	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.32	196	340714	40.83	ng		98
43) 2,4,5-Trichlorophenol	13.39	196	359843	39.88	ng		92
45) 1,1'-Biphenyl	13.72	154	1142224	39.99	ng		95
46) 2-Chloronaphthalene	13.77	162	872283	40.10	ng		98
47) 2-Nitroaniline	13.97	65	368151	41.34	ng		97
48) Acenaphthylene	14.61	152	1329947	39.87	ng		98
49) Dimethylphthalate	14.33	163	1158345	39.64	ng		99
50) 2,6-Dinitrotoluene	14.45	165	263910	42.30	ng		89
51) Acenaphthene	14.95	154	901807	36.27	ng		98
52) 3-Nitroaniline	14.79	138	257093	39.82	ng		91
53) 2,4-Dinitrophenol	14.99	184	164683	36.43	ng		98
54) Dibenzofuran	15.28	168	1365583	39.72	ng		97
55) 4-Nitrophenol	15.08	139	207221	36.84	ng		90
56) 2,4-Dinitrotoluene	15.23	165	382071	42.14	ng	#	98
57) Fluorene	15.93	166	1130223	39.64	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.50	232	366703	39.20	ng		95
59) Diethylphthalate	15.68	149	1190212	38.85	ng		99
60) 4-Chlorophenyl-phenylether	15.91	204	647214	40.46	ng		97
61) 4-Nitroaniline	15.95	138	291302	41.30	ng		95
62) Azobenzene	16.20	77	1170739	38.31	ng		96
64) 4,6-Dinitro-2-methylphenol	15.99	198	231723	36.43	ng		93
65) n-Nitrosodiphenylamine	16.13	169	1005209	39.82	ng		99
66) 4-Bromophenyl-phenylether	16.80	248	451588	40.29	ng		96
67) Hexachlorobenzene	16.92	284	511366	41.29	ng		90
68) Atrazine	17.06	200	405210	37.42	ng		98
69) Pentachlorophenol	17.27	266	287847	35.22	ng		94
70) Phenanthrene	17.67	178	1849982	39.31	ng		98
71) Anthracene	17.76	178	1889376	39.79	ng		99
72) Carbazole	18.03	167	1698357	39.22	ng		98
73) Di-n-butylphthalate	18.55	149	1961814	39.29	ng		98
74) Fluoranthene	19.66	202	2372575	39.88	ng		98
76) Benzidine	19.84	184	1257094	43.29	ng		97
77) Pyrene	20.02	202	2423019	40.21	ng		99
79) Butylbenzylphthalate	20.88	149	1000147	39.81	ng		97
80) Benzo(a)anthracene	21.90	228	2647853	39.11	ng		98
81) 3,3'-Dichlorobenzidine	21.81	252	1067847	39.09	ng	#	96
82) Chrysene	21.97	228	2550332	39.55	ng		99
83) Bis(2-ethylhexyl)phthalate	21.76	149	1407192	39.16	ng	#	99
84) Di-n-octyl phthalate	23.04	149	2368578	39.72	ng		94
85) Indeno(1,2,3-cd)pyrene	29.30	276	3466424	38.94	ng	#	98
87) Benzo(b)fluoranthene	24.25	252	2790625m	38.85	ng		
88) Benzo(k)fluoranthene	24.33	252	2735997	39.44	ng		98
89) Benzo(a)pyrene	25.19	252	2781616	39.63	ng		98
90) Dibenzo(a,h)anthracene	29.37	278	2935460	38.10	ng		97
91) Benzo(g,h,i)perylene	30.53	276	2917590	37.91	ng		98

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

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