Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122116\
Data File : BG025357.D
Acq On : 21 Dec 2016 14:42
Operator : UM/SJ
Sample : SSTDICC025
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC025

Manual Integrations APPROVED
sohil
12/22/2016 7:03:07 PM

Quant Time: Dec 21 17:37:22 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 21 17:23:04 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	56239	20.00	ng		0.00
21) Naphthalene-d8	11.05	136	239100	20.00	ng		0.00
38) Acenaphthene-d10	14.84	164	192968	20.00	ng		0.00
63) Phenanthrene-d10	17.59	188	439888	20.00	ng		0.00
75) Chrysene-d12	21.88	240	592818	20.00	ng		0.00
86) Perylene-d12	25.30	264	607596	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.75	112	154180	44.93	ng		0.00
7) Phenol-d6	7.37	99	223568	47.50	ng		0.00
23) Nitrobenzene-d5	9.40	82	262149	49.92	ng		0.00
41) 2,4,6-Tribromophenol	16.33	330	150851	52.33	ng		0.00
44) 2-Fluorobiphenyl	13.47	172	592825	51.06	ng		0.00
78) Terphenyl-d14	20.17	244	1168411	58.89	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.59	88	32729	23.35	ng		93
3) Pyridine	4.01	79	97811	23.30	ng		94
4) n-Nitrosodimethylamine	3.92	42	59345	27.31	ng	#	80
6) Aniline	7.54	93	149751	25.11	ng		99
8) 2-Chlorophenol	7.78	128	85074	24.39	ng		95
9) Benzaldehyde	7.36	77	81934	28.17	ng		97
10) Phenol	7.40	94	119932	24.72	ng		93
11) bis(2-Chloroethyl)ether	7.63	93	91510	25.11	ng		95
12) 1,3-Dichlorobenzene	8.10	146	104200	24.13	ng		97
13) 1,4-Dichlorobenzene	8.25	146	106115	24.88	ng		98
14) 1,2-Dichlorobenzene	8.57	146	106436	25.95	ng		90
15) Benzyl Alcohol	8.46	79	106602	24.35	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.74	45	174142	25.75	ng		98
17) 2-Methylphenol	8.66	107	79041	24.59	ng		97
18) Hexachloroethane	9.30	117	39326	23.98	ng	#	91
19) n-Nitroso-di-n-propylamine	9.02	70	90240	26.01	ng		92
20) 3+4-Methylphenols	9.00	107	111867	25.92	ng		93
22) Acetophenone	9.05	105	163086	26.55	ng	#	94
24) Nitrobenzene	9.44	77	141018	24.14	ng		96
25) Isophorone	9.96	82	245801	25.16	ng		95
26) 2-Nitrophenol	10.16	139	55072	25.40	ng		91
27) 2,4-Dimethylphenol	10.21	122	93072	24.52	ng		97
28) bis(2-Chloroethoxy)methane	10.43	93	121756	24.09	ng		96
29) 2,4-Dichlorophenol	10.70	162	100764	25.29	ng		94
30) 1,2,4-Trichlorobenzene	10.90	180	119592	25.30	ng		91
31) Naphthalene	11.10	128	292856	24.56	ng	#	95
32) Benzoic acid	10.33	122	74837	23.67	ng		98
33) 4-Chloroaniline	11.21	127	125237	24.18	ng		97
34) Hexachlorobutadiene	11.35	225	96862	26.18	ng		96
35) Caprolactam	11.99	113	36054	24.72	ng	#	90
36) 4-Chloro-3-methylphenol	12.32	107	119057	24.75	ng		92
37) 2-Methylnaphthalene	12.68	142	216733	24.90	ng		98
39) 1,2,4,5-Tetrachlorobenzene	13.05	216	156322	24.02	ng	#	97
40) Hexachlorocyclopentadiene	13.01	237	38851	10.60	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.29	196	98227	25.11	ng		94
43) 2,4,5-Trichlorophenol	13.38	196	105528	24.95	ng	#	96
45) 1,1'-Biphenyl	13.68	154	323658	24.17	ng		95
46) 2-Chloronaphthalene	13.73	162	245287	24.06	ng		95
47) 2-Nitroaniline	13.94	65	107717	25.80	ng		95
48) Acenaphthylene	14.57	152	392509	25.10	ng		98
49) Dimethylphthalate	14.28	163	342741	25.02	ng	#	97
50) 2,6-Dinitrotoluene	14.42	165	76300	26.09	ng		84
51) Acenaphthene	14.91	154	250482	21.49	ng		97
52) 3-Nitroaniline	14.76	138	73970	24.44	ng	#	98
53) 2,4-Dinitrophenol	14.99	184	36519	17.23	ng		85
54) Dibenzofuran	15.24	168	407361	25.28	ng		92
55) 4-Nitrophenol	15.08	139	52811	20.03	ng		89
56) 2,4-Dinitrotoluene	15.22	165	110842	26.08	ng		95
57) Fluorene	15.89	166	335721	25.12	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.47	232	107212	24.45	ng	#	93
59) Diethylphthalate	15.63	149	364361	25.37	ng		98
60) 4-Chlorophenyl-phenylether	15.86	204	185538	24.74	ng		95
61) 4-Nitroaniline	15.93	138	70738	21.40	ng	#	82
62) Azobenzene	16.16	77	348630	24.34	ng		97
64) 4,6-Dinitro-2-methylphenol	15.99	198	76809	25.34	ng		91
65) n-Nitrosodiphenylamine	16.09	169	290226	24.13	ng		97
66) 4-Bromophenyl-phenylether	16.76	248	135762	25.42	ng		95
67) Hexachlorobenzene	16.89	284	153560	26.02	ng	#	91
68) Atrazine	17.02	200	137607	26.68	ng		96
69) Pentachlorophenol	17.24	266	80701	20.73	ng		95
70) Phenanthrene	17.63	178	579033	25.83	ng		94
71) Anthracene	17.72	178	580434	25.66	ng		96
72) Carbazole	18.00	167	528098	25.60	ng		97
73) Di-n-butylphthalate	18.51	149	641671	26.98	ng		96
74) Fluoranthene	19.63	202	768411	27.11	ng		92
76) Benzidine	19.81	184	390514	27.96	ng		97
77) Pyrene	19.99	202	797135	27.51	ng		95
79) Butylbenzylphthalate	20.84	149	302549	25.04	ng		98
80) Benzo(a)anthracene	21.86	228	840509	25.81	ng		93
81) 3,3'-Dichlorobenzidine	21.77	252	326376	24.84	ng	#	95
82) Chrysene	21.93	228	794849	25.63	ng		95
83) Bis(2-ethylhexyl)phthalate	21.70	149	423683	24.51	ng		97
84) Di-n-octyl phthalate	22.96	149	715661	24.95	ng		95
85) Indeno(1,2,3-cd)pyrene	29.23	276	981886	22.93	ng		99
87) Benzo(b)fluoranthene	24.20	252	831761	25.33	ng		98
88) Benzo(k)fluoranthene	24.27	252	805125m	25.38	ng		
89) Benzo(a)pyrene	25.13	252	800356	24.94	ng	#	97
90) Dibenzo(a,h)anthracene	29.28	278	842175	23.91	ng	#	95
91) Benzo(g,h,i)perylene	30.47	276	836795	23.78	ng		98

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

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