Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102516\
Data File : BG024495.D
Acq On : 25 Oct 2016 13:46
Operator : UM/SJ
Sample : SSTDICC025
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC025

Manual Integrations APPROVED
sohil
10/26/2016 4:51:00 PM

Quant Time: Oct 26 11:13:21 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 25 15:14:51 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	103548	20.00	ng		0.00
21) Naphthalene-d8	11.10	136	409930	20.00	ng		0.00
38) Acenaphthene-d10	14.89	164	314093	20.00	ng		0.00
63) Phenanthrene-d10	17.63	188	692342	20.00	ng		0.00
75) Chrysene-d12	21.93	240	1017513	20.00	ng		0.00
86) Perylene-d12	25.36	264	1102131	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.80	112	328404	54.71	ng		0.00
7) Phenol-d6	7.40	99	452237	51.74	ng		0.00
23) Nitrobenzene-d5	9.45	82	471500	55.74	ng		0.00
41) 2,4,6-Tribromophenol	16.37	330	239405	61.18	ng		0.00
44) 2-Fluorobiphenyl	13.51	172	1008727	60.10	ng		0.00
78) Terphenyl-d14	20.21	244	1919680	56.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.67	88	70886	31.28	ng		98
3) Pyridine	4.08	79	202240	30.48	ng		94
4) n-Nitrosodimethylamine	3.99	42	103226	24.57	ng		87
6) Aniline	7.59	93	277712	22.65	ng		95
8) 2-Chlorophenol	7.83	128	174533	26.19	ng		90
9) Benzaldehyde	7.41	77	148481	30.82	ng		99
10) Phenol	7.43	94	223283	23.09	ng		96
11) bis(2-Chloroethyl)ether	7.68	93	177388	24.62	ng		94
12) 1,3-Dichlorobenzene	8.16	146	201299	26.62	ng		95
13) 1,4-Dichlorobenzene	8.31	146	204872	26.67	ng		93
14) 1,2-Dichlorobenzene	8.63	146	192543	25.82	ng		93
15) Benzyl Alcohol	8.50	79	201592	24.95	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.79	45	325908	21.56	ng		96
17) 2-Methylphenol	8.69	107	152368	24.83	ng		92
18) Hexachloroethane	9.36	117	81622	27.38	ng		89
19) n-Nitroso-di-n-propylamine	9.07	70	165282	22.82	ng		93
20) 3+4-Methylphenols	9.02	107	201420	22.97	ng		97
22) Acetophenone	9.10	105	276689	27.79	ng	#	91
24) Nitrobenzene	9.49	77	263571	28.05	ng		99
25) Isophorone	10.01	82	436843	25.67	ng	#	97
26) 2-Nitrophenol	10.21	139	91285	26.41	ng		97
27) 2,4-Dimethylphenol	10.24	122	168402	24.19	ng		91
28) bis(2-Chloroethoxy)methane	10.49	93	227325	25.02	ng	#	96
29) 2,4-Dichlorophenol	10.73	162	177243	26.42	ng		99
30) 1,2,4-Trichlorobenzene	10.96	180	208670	28.59	ng	#	89
31) Naphthalene	11.15	128	513500	26.69	ng	#	97
32) Benzoic acid	10.32	122	132011	25.85	ng		97
33) 4-Chloroaniline	11.25	127	227822	25.58	ng		96
34) Hexachlorobutadiene	11.42	225	163097	29.93	ng		97
35) Caprolactam	12.01	113	62995	26.90	ng	#	82
36) 4-Chloro-3-methylphenol	12.34	107	207219	23.96	ng		95
37) 2-Methylnaphthalene	12.73	142	389665	27.19	ng		95
39) 1,2,4,5-Tetrachlorobenzene	13.10	216	273268	30.58	ng		96
40) Hexachlorocyclopentadiene	13.07	237	161401	26.30	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.32	196	161448	26.79	ng		98
43) 2,4,5-Trichlorophenol	13.40	196	178083	28.56	ng		93
45) 1,1'-Biphenyl	13.72	154	561419	27.64	ng		95
46) 2-Chloronaphthalene	13.78	162	425710	27.34	ng		99
47) 2-Nitroaniline	13.97	65	177157	29.12	ng		99
48) Acenaphthylene	14.62	152	660823	27.35	ng		98
49) Dimethylphthalate	14.33	163	574169	27.32	ng		100
50) 2,6-Dinitrotoluene	14.46	165	120862	26.94	ng		98
51) Acenaphthene	14.95	154	486230	28.36	ng		97
52) 3-Nitroaniline	14.79	138	125417	28.97	ng		96
53) 2,4-Dinitrophenol	14.99	184	84313	31.37	ng		97
54) Dibenzofuran	15.28	168	687469	29.64	ng		96
55) 4-Nitrophenol	15.07	139	111522	28.04	ng		92
56) 2,4-Dinitrotoluene	15.23	165	172547	27.78	ng		92
57) Fluorene	15.93	166	560346	28.10	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.50	232	179565	30.79	ng	#	76
59) Diethylphthalate	15.68	149	601674	27.52	ng		99
60) 4-Chlorophenyl-phenylether	15.92	204	309729	27.27	ng		95
61) 4-Nitroaniline	15.95	138	144101	31.05	ng		98
62) Azobenzene	16.21	77	603066	27.80	ng		99
64) 4,6-Dinitro-2-methylphenol	16.00	198	126364	30.27	ng		96
65) n-Nitrosodiphenylamine	16.13	169	494350	25.65	ng		94
66) 4-Bromophenyl-phenylether	16.81	248	219739	28.03	ng		92
67) Hexachlorobenzene	16.93	284	247740	27.46	ng		98
68) Atrazine	17.06	200	218341	32.91	ng		97
69) Pentachlorophenol	17.27	266	162767	29.23	ng		96
70) Phenanthrene	17.67	178	957547	29.84	ng		97
71) Anthracene	17.76	178	957758	29.19	ng		97
72) Carbazole	18.03	167	892900	30.25	ng		96
73) Di-n-butylphthalate	18.56	149	1044099	31.61	ng		97
74) Fluoranthene	19.66	202	1289951	35.58	ng		95
76) Benzidine	19.84	184	704862	29.53	ng		96
77) Pyrene	20.03	202	1370967	26.29	ng		95
79) Butylbenzylphthalate	20.89	149	555083	24.87	ng		97
80) Benzo(a)anthracene	21.90	228	1515265	28.48	ng		95
81) 3,3'-Dichlorobenzidine	21.81	252	596794	27.50	ng		99
82) Chrysene	21.98	228	1443185	28.42	ng		97
83) Bis(2-ethylhexyl)phthalate	21.77	149	799887	25.75	ng		97
84) Di-n-octyl phthalate	23.05	149	1353205	25.91	ng		94
85) Indeno(1,2,3-cd)pyrene	29.30	276	1901338	30.32	ng	#	98
87) Benzo(b)fluoranthene	24.27	252	1580118m	27.33	ng		
88) Benzo(k)fluoranthene	24.33	252	1540265	26.81	ng		98
89) Benzo(a)pyrene	25.19	252	1534921	27.43	ng		96
90) Dibenzo(a,h)anthracene	29.38	278	1633140	28.75	ng	#	98
91) Benzo(g,h,i)perylene	30.55	276	1619547	28.99	ng		98

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

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